A/AC.105/517

Information Systems on Space Science and Technology

A Directory

United Nations

A/AC.105/517

Department for Political Affairs

Information Systems on Space Science and Technology

A Directory

United Nations
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INTRODUCTION

The Second United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE 82), held in Vienna from 9 to 21 August 1982, recommended that an international space information service be established within the United Nations Office for Outer Space Affairs. The Conference also recommended that this service should initially consist of a directory of sources of information and data services and should provide direction, upon request, to accessible data banks and information sources. At its thirty-seventh session, held in 1982, the General Assembly endorsed this recommendation in its resolution 37/90.

The present Directory is an updated edition of a Directory prepared by the Office for Outer Space Affairs in accordance with that recommendation. Through a questionnaire, the Office for Outer Space Affairs invited Member States and relevant international organizations to submit information for the present Directory. As of 1 June 1992, replies had been received from 154 institutions in 66 countries and from 5 international organizations; these contributions have been compiled in this Directory, in the language of submission. The previous edition of the Directory were published as documents A/AC.105/397 (1987), A/AC.105/397/Rev.1 (1988) and A/AC.105/397/Rev.1/Add.1 (1989).

The Directory provides a summary of the principal functions of the responding institutions, the areas of specialization of their space science and technology information systems, the extent and nature of their collections, and information on access to the information. Information is also provided on space data bases and on-line access to those data bases.

An effort has been made to present, as accurately as possible, the information provided by responding Member States and their institutions. Users of this Directory can obtain further details concerning the information and services available from the institutions concerned using the contacts listed. It should be noted that the list of countries and institutions included in this directory is not exhaustive. Additional information received by the United Nations will be issued as addenda to the present document.

Comments, queries and information concerning this document, including additional submissions that could be used to supplement and update its contents, should be addressed to:

Office for Outer Space Affairs (Room S-3260)
Department for Political Affairs
United Nations
New York, N.Y. 10017
USA

I. NATIONAL ORGANIZATIONS

AUSTRALIA

A. INSTITUTION/INFORMATION CENTRE

AUSTRALIAN NATIONAL UNIVERSITY

PRL, RS Phys S, ANU, GPO Box 4, Canberra, A.C.T., 2601 Australia

Telex: 62615 Tel.: 062 493442 Cable: NATUNI

Contact person: Dr. R.W. Boswell (Plasma physics);
Dr. I.R. Tuohy (Astronomy); Dr. J. Sandeman (Re-entry physics)

Principal function(s) of the institution/information centre: Research, teaching

Areas of specialization

Basic space sciences: Aurora; plasma physics; magnetosphere; ionosphere; materials science; wave propagation; space observation; sensors/telescopes; non-equilibrium aerothermodynamics

Extent of collection from/to (Years): 1980/present

1. TYPE OF SYSTEM/SERVICE

   University Library: Data, documentation, indexing/abstracting services available

2. GEOGRAPHICAL COVERAGE: Worldwide

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED: N/A*

5. CLASSES OF SERVICES PROVIDED

   Services provided on request from external users: Usual university library services; searching of external computer databases; document delivery

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Geographical preference: South-East Asia

8. DATABASE(S): N/A

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*N/A denotes that the information pertaining to this item was not submitted to the United Nations

B. INSTITUTION/INFORMATION CENTRE

UNIVERSITY OF CANBERRA

P.O. Box 1, Belconnen, ACT, 2616, Australia

Telex: 62267 Tel.: (06)-252-2111 Cable: COLLADVED
Fax: (06)-201-5041
E-mail: peterm@ise.canberra.edu.au

Contact person: Dr. P. Morgan, Senior lecturer; Prof. P.J. Edwards, c/o. School of Information Science and Engineering

Principal function(s) of the institution/information centre: Teaching and research

Areas of specialization

Basic space sciences: Dynamics of satellites; geodesy; geodynamics; global positioning; radiowave propagation
Remote sensing: Climate; photo interpretation; digital/analog image analysis; floods; mineral exploration; radar
Satellite communications: Antennas; data communication; satellite signals; imagery

Extent of collection from/to (Years): 1972/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: Several thousand books

Data: Yes

Type/approximate number of data sets: Digital and analog forms

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: --

Research: Yes

Type(s) of material distributed: Digital and analog imagery

2. GEOGRAPHICAL COVERAGE

Basic space sciences: Worldwide
Remote sensing: Regional (Australia and environs)

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Technical; research; information units

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; other agencies; external bodies

Services provided on request from external users: Searching of external computer data bases; information analysis; document delivery; provision of data in computer readable form; selective dissemination of information

Charges for services: Varies as to charges placed; for co-operative research usually no cost

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: Institutions/governments receiving aid from Australian Government; most countries in South-East Asia, the South Pacific area and East Asia

8. DATABASE(S): Yes

A. Name of database: Earth Rotation Data

Form of database: Computerized

Type of database: Numeric

Time span: 1956/present

Size of database

Number of items added per year: 500

Total number of items: Several thousand

Frequency of updating (continuously, monthly, etc.): Monthly

Subject scope: Geodynamics; global positioning technology

Language(s) of database(s): English

Availability of database(s): External

Location where database is searched: Only at location of information

B. Name of database: LANDSAT imagery

Form of database: In microfiche (pictorial)

Type of database: Referral

Time span: 1974/present

Size of database

Number of items added per year: About 1,000

Total number of items: Several thousand

Frequency of updating (continuously, monthly, etc.): Monthly

Subject scope: Remote sensing (optical, infrared, microwave)

Language(s) of database(s): English

Availability of database(s): External

Location where database can be searched: Only at location of information

Users of database(s)

Internal (within agency): Research; project; technical

External: Research institutes; government agencies and missions; educational organizations

C. INSTITUTION/INFORMATION CENTRE

JAMES COOK UNIVERSITY OF NORTH QUEENSLAND

Townsville, Queensland QLD 4811, Australia

Telex: AA47009 UNITOWN Tel.: (077) 814111 Cable: 6177814111

Contact person: Prof. R. Arlett

Principal function(s) of the institution/information centre: Teaching and research

Areas of specialization

Remote sensing: Cloud cover pictures/imagery; coastal processes; computer-aided mapping; fisheries; forestry; land-use patterns

Satellite communications: Data acquisition; data communication; emergency communications during disasters; image processing; receivers
Satellite meteorology: Meteorological satellites; meteorology; disaster prediction and monitoring; earth's climate; precipitation

Extent of collection from/to (Years)

Remote sensing: 1987/present
Satellite communications: 1984/present
Satellite meteorology: 1983/present

1. TYPE OF SYSTEM/SERVICE: N/A

2. GEOGRAPHICAL COVERAGE: Sub-regional

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; technical; research

External: Government agencies and missions; research institutes; students; educational organizations; industry

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; other agencies; external bodies

Services provided on request from external users: Document delivery; provision of data in computer readable form; selective dissemination of information

Charges for services: Yes

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: Tropical areas

8. DATABASE(S): N/A

D. INSTITUTION/INFORMATION CENTRE

JAMES COOK UNIVERSITY, SIR GEORGE FISHER CENTRE FOR TROPICAL MARINE STUDIES

Townsville QLD 4811, Australia

Telex: AA47009 Tel: 6177814817 Cable: N/A

Contact person: Prof. D. Hopley (Sir George Fisher Centre);
Prof. P. Arlett (Electrical and Electronic Engineering);
Ms. P. Catt (Department of Geology)

Principal function(s) of the institution/information centre: Co-ordination and development of tropical marine studies

Areas of specialization

Remote sensing: Oceanography; remote sensing; satellite imageprocessing; coastal processes; infrared remote sensing; coastal zone colour monitoring

Extent of collection from/to (Years): 1988/present

1. TYPE OF SYSTEM/SERVICE: The Northeast Australian Satellite Information system is currently being set up, no information available as yet
2. GEOGRAPHICAL COVERAGE: Regional, sub-regional
3. LANGUAGE(S): English
4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Research

   External: Government agencies and missions; research institutes; educational organizations; students; industry; non-governmental organizations
5. CLASSES OF SERVICES PROVIDED: Not yet operating
6. TRAINING PROGRAMMES: None
7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: The Northeast Australian Satellite Information System (NASIS) is being set up to develop satellite image processing capabilities, particularly of NOAA and LANDSAT images of tropical nearshore and oceanic areas

   Geographic preference: Any collaboration would most appropriately be with other tropical regions, particularly related to marine sciences
8. DATABASE(S): N/A

E. INSTITUTION/INFORMATION CENTRE

LA TROBE UNIVERSITY

Kingsbury Drive, Bundoora, Victoria 3083, Australia

Telex: AA33143 Tel.: 4792735 Cable: N/A

Contact person: Prof. K.D. Cole; Dr. P. L. Dyson

Principal function(s) of the institution/information centre: Research in ionospheric physics

Areas of specialization

Basic space sciences: Ionosphere; magnetosphere; thermosphere; plasmas; radio communication

Remote sensing: Ionosondes; interferometry; data processing

Extent of collection from/to (Years): 1970/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 300/8

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research

External: Research institutes; government agencies and missions

5. CLASSES OF SERVICES PROVIDED

Loans: Reprints

Services provided on request from external users: N/A

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: South-East Asia region

8. DATABASE(S): N/A

F. INSTITUTION/INFORMATION CENTRE

ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY, RMIT CENTRE FOR REMOTE SENSING

124 Latrobe street, Melbourne, Victoria, 3001, Australia

Telex: AA 36406 Tel.: 61 3 660 2213 Fax: 61 3 6632517

Contact person: Assoc. Prof. Greg Ellis

Principal function(s) of the institution/information centre: Teaching, consulting and research, courses in remote sensing, GPS and GIS topics at undergraduate and graduate levels

Areas of specialization

Remote sensing: Education; applications based on remote sensing, GPS and GIS; computer aided mapping; maps, mapping activities; digital cartography; image analysis

Extent of collection from/to (Years): 1977/present

1. TYPE OF SYSTEM/SERVICE: Various including MicroBRIAN, ERDAS, Arc/Info

2. GEOGRAPHICAL COVERAGE : National

3. LANGUAGE(S) : English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Students

   External: Students; educational organizations; industry; government agencies and missions

5. CLASSES OF SERVICES PROVIDED

   Services provided on request from external users:
   information analysis; variety of consulting on Remote Sensing, GPS and GIS applications

   Charge for services: Schedule available

6. TRAINING PROGRAMMES: Undergraduate and post graduate programmes are available; also short courses are offered

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Geographic preference: Africa/Asia/Pacific area

8. DATABASE(S): N/A

G. INSTITUTION/INFORMATION CENTRE

UNIVERSITY OF NEWCASTLE, DEPARTMENT OF PHYSICS

NSW 2308, Newcastle, Australia

Telex: AA 28194 Tel.: 6149685235 Cable: --

Contact person: Prof. B.J. Fraser

Principal function(s) of the institution/information centre: Teaching and research

Areas of specialization

Basic space sciences: Plasma physics; data processing and instrumentation; ionosphere; magnetosphere

Others: Instrumentation

Extent of collection from/to (Years): 1966/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

DATA: Yes

Type/approximate number of data sets: Documents in tabular form; analog forms, e.g. maps, charts, aerial photographs, satellite imagery; digital forms, e.g. magnetic media/--

Indexing/Abstracting service: N/A

Research: Yes

2. GEOGRAPHICAL COVERAGE: Regional; sub-regional (Australia, New Zealand); national

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research

External: Students; research institutes; government agencies and missions; educational organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; other agencies; external bodies

Services provided on request from external users: Provision of data in computer readable form; selective dissemination of information

Charge for services: Minimal charge for large data requests only

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: None

8. DATABASE(S): Yes

Name of database: Geomagnetic pulsations (Pc 1; Pc 3-4)

Form of database: Partly computerized; 35 mm film

Type of database: Numeric

Time span: 1966/present

Size of database

Number of items added per year: N/A

Total number of items: Over 2,000

Frequency of updating: Continuously; archives set up recently

Subject scope: Short period geomagnetic pulsations (Pc 1); long period geomagnetic pulsations (Pc 3-4)

Language(s) of database(s): English; digital forms

Availability of database(s): Within the agency and externally

Users of database

Internal: Research; technical

External: Students; research institutes; government agencies and missions; educational organizations; international organizations

H. INSTITUTION/INFORMATION CENTRE

UNIVERSITY OF NEW SOUTH WALES, CENTRE FOR REMOTE SENSING

P.O. Box 1 Kensington 2033, Australia

Telex: AA 26054   Tel.: (02) 6974964   Cable: --

Contact person: Asst. Prof. B.C. Forster

Principal function(s) of the institution/information centre: Remote sensing teaching, research and consultancy

Areas of specialization

Basic space sciences: Emissive properties; data acquisition; pattern recognition; geodesy; image processing; radar
Remote sensing: Arid zone; resource surveys; land use mapping; biomass estimation; forestry; mineral exploration

Extent of collection from/to (Years)

Remote sensing: 1981/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: Above 250,000

Data. Yes

Type/approximate number of data sets: 500

Indexing/Abstracting service: N/A

Type of material indexed/abstracted: --

Others: Consultancy service

2. GEOGRAPHICAL COVERAGE: Regional; sub-regional; national

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research; technical; project; management; administrative; information units

External: Students; educational organizations; research institutes; agencies and missions; industry

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals, other agencies

Services provided on request from external users: Provision of data in computer readable form

Charge for services: US $100 plus cost of computer tape

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: None, most contacts, however, are with South-East Asia and South-West Pacific

8. DATABASE(S): N/A

BELGIUM

A. INSTITUTION/CENTRE D'INFORMATION

ECOLE ROYALE MILITAIRE

30, Avenue de la Renaissance, 1040 Bruxelles, Belgique

No. de télex: KMSERM, 63756 Téléphone: 02/733 9794

Nom de la personne à contacter: U Van Twembeke

Principale(s) activités de l'institution du centre d'information: Enseignement et recherche

Spécialités:

Télédétection: Education, satellites d'observation de la Terre, cartographie numérique, photogrammetrie, prise de vues, cartographic thématique

Communications par Satellite: Education, systèmes de satellites de navigation, géodésie; technique de localisation; cartes activités cartographique, navigation utilisant des systèmes spatiaux

Periode pendant laquelle des données ont éte collectées: Télédétection de 1970 à nos jours; Communication par satellite de 1979 à nos jours

1. TYPE DE SYSTEME/SERVICE

Biblioteque: Oui

Nombre approximatif d'oeuvrages/revues spécialisées: 500/15

2. ZONE GEOGRAPHIQUE DESSERVIE: Pays

3. LANGUES: Anglais, Français

4. UTILISATEURS CIBLES DE VOTRE SYSTEMS/SERVICE:

Internes (au sein de l'organisme): Chercheurs, techniciens, administration, services d'information, projets, direction

Externes: Etudiants, organisations pédagogiques, instituts de recherche, organisemes et missions gouvernementaux, industrie, organisations non-gouvernementales, autres organisations

5. LES SERVICES FOURNIS:

Prêts: A des particuliers, à d'autres organismes, à des organismes extérieurs

Services fournis à la demande d'utilisateurs externes: Analyse des informations, Fourniture de documents

6. ACTIVITES DE FORMATION: N/D

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

Zone géographique desservie: N/D

8. BASE DE DONNEES

Nom de la base de données: N/D

Forme de la base de données: Livres

Type de la base de données: Bibliographie, orientation

Importance de la base de données

Periode: De 1950 à nos jours

Nombre d'articles introduits par an: 300

Frequence de la mise à jour: Mensuelle

Langue(s): Anglais, Français

Acces a la base de données: extérieur

Utilisateurs de base de données:

INTERNES: Chercheurs, techniciens, administration, services d'information, projects, direction

EXTERNES: Etudiants, organisations pédagogiques, instituts de recherche, organismes et missions gouvernementaux, industrie, organisations non gouvernementales, autres orgnisations internationales

B. INSTITUTION/CENTRE D'INFORMATION

LABORATOIRE DE TELEDETECTION, GENIE RURAL II - F.S.A.E.Gx.

2, Passage des Déportés 5800 Gembloux, Belgique

No. de télex: 59482 FSAGXB Téléphone: 081/62.21.11
Adresse télégraphique: N/D

Nom de la personne à contacter: S. Dautrebande; J.L. Lejeune;
A. Mokadem, D. Xanthoulis

Principale(s) activités de l'institution du centre d'information: Recherche

Spécialités

Télédétection: Traitement des images satellite, détermination de l'humidité du sol, inventaires de ressources naturelles, amenagement rural/urbain, température de surface, hydrologie

Periode pendant laquelle des données ont été collectées: De 1980 à nos jours

1. TYPE DE SYSTEME/SERVICE: Bibliothèque

2. ZONE GEOGRAPHIQUE DESSERVIE: N/D

3. LANGUES: Anglais, Français

4. UTILISATEURS CIBLES DE VOTRE SYSTEME SERVICE

   Internes (au sein de l'organisme): Chercheurs, projects, administration

   Externes: Etudiants

5. LES SERVICES FOURNIS;

   Prêts: A des particuliers, à d'autres organismes

   Services fournis à la demande d'utilisateurs externes: Fourniture de documents. Coût par heure: FB 1,000 à 5,000; coût par article: Approximativement FB 200

6. ACTIVITES DE FORMATION:

   Stage de dureé 3 mois maximum; langue d'instruction:
   Français

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION:
   Oui

   Zone géographique desservie: N/D

8. BASE DE DONNEES: N/D

C. INSTITUTION/CENTRE D'INFORMATION

LABORATORY FOR REGIONAL GEOGRAPHY AND LANDSCAPE SCIENCE, STATE UNIVERSITY OF GHENT, GEOLOGICAL INSTITUTE

Krijgslaan 281-9000, Ghent, Belgium

No. de Télex: 11157 DDGENTB Téléphone: (091) 22.57.15

Nom de la personne à contacter: Luc Daels

Principale(s) activités de l'institution ou du centre d'information: Applied remote sensing

Spécialités:

Télédétection: Relief des zones arides, evaluation de la biomasse, cartographie assistée par ordinateur, techniques de photo-interpretation utilissant les ordinateurs, désertification, interprétation

Période pendant laquelle des données ont été collectées: De 1972 à nos jours

1. TYPE DE SYSTEME/SERVICE

Bibliothèque: Oui

Nombre approximatif d'ouverages/revues spécialisées: 200/--

Documentation:

Nombre approximatif de documents: 50

Données: Oui

Type/nombre approximatif d'ensembles de données: Forme analogique (photographies aériennes, images satellites), forme numerique/400

2. ZONE GEOGRAPHIQUE DESSERVIE: Région aride - Egypte, Grèce, Soudan

3. UTILISATEURS CIBLES DE VOTRE SYSTEME/SERVICE:

Internes (au sein de l'organisme): Chercheurs, projets, administration

Externes: Organismes et missions gouvernamentaux, instituts de recherche, organisations non gourvernementales, étudiants

5. LES SERVICES FOURNIS

Services fournis à la demande d'utilisateurs externes: Compilation de listes de référence, analyse des informations, fourniture de données assimilables par la machine

6. ACTIVITES DE FORMATION

i) Durée - 2 années
ii) Fréquence - chaque année academique
iii) Langue d'instruction - anglais
iv) Condition d'admission - postgraduate
v) Possibilité de bourses d'études - gouvernement

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION

Zone géographique: Egypte, Grèce, Iraq, Soudan

8. BASE DE DONNEES: N/D

D. INSTITUTION/CENTRE D'INFORMATION

UNIVERSITE LIBRE DE BRUXELLES

50, Avenue F. D. Roosevelt, 1050 Bruxelles, Belgique

No. de télex: 23069 Téléphone: 02/6503141 Fax: 02.650.31.26
Adresse télégraphique: N/D

Nom de la personne à contacter: Legros J., Dupont, Olivier, Service de Chimie Physique EP (CP 165)

Principale(s) activités de l'institution du centre d'information: Enseignement/Recherche

Spécialités: Microgravité (Physique des Fluides), Gravité, Science des Matériaux; Microgravité

Periode pendant laquelle des données ont été collectées: De 1983 à nos jours

1. TYPE DE SYSTEME/SERVICE: N/D

2. ZONE GEOGRAPHIQUE DESSERVIE: N/D

3. LANGUES: Anglais, Français

4. UTILISATEURS CIBLES DE VOTRE SYSTEMS/SERVICE:

Internes (au sein de l'organisme): Direction, chercheurs, projets, techniciens

Externes: Instituts de recherche, organismes et missions gouvernementaux, industrie

5. LES SERVICES FOURNIS:

Services fournis à la demande d'utilisateurs externes: Compilation de listes de référence; analyse des informations

6. ACTIVITES DE FORMATION: N/D

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

Domaine d'interests: Toutes suggestions serone examenies

Zone géographique desservie: N/D

8. BASE DE DONNEES: N/D

E. INSTITUTION/CENTRE D'INFORMATION

FACULTE DES SCIENCES AGRONOMIQUES DE L'ETAT

Chaire de Phytotechnie des Régions Tempérées, TELSAT/03/2, Passage des Déportés, 2,
B-5800 Gembloux, Belgique

Téléphone: 081/622140

Nom de la personne à contacter: André Falisse, Xavier Simon, l'addresse susmentionée; Alain Istasse, Station de Phytopathologie, Chemin de Liroux, B-5800 Gembloux

Principale(s) activités de l'institution ou du centre d'information: Enseignement et recherche dans la domaine des enquêtes agricoles et cartographie

Spécialités:

Télédétection: Prévision des récoltes, surveillance des cultures; traitement des images; surveillance de la végétation; acquisition de données; parasites; cartographic assistée par ordinateur

Période pendant laquelle des données été collectées: De 1985 à nos jours

1. TYPE DE SYSTEME/SERVICE

   Recherche: Oui

2. ZONE GEOGRAPHIQUE DESSERVIE: Belgique

3. LANGUES: Français, Anglais

4. UTILISATEURS CIBLES DE VOTRE SYSTEME/SERVICE

   Internes (au sein de l'organisme): Services d'information, administration

   Externes: Instituts de recherche

5. LES SERVICES FOURNIS

   Vos services sont-ils payants: Oui

6. ACTIVITES DE FORMATION: Non

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

8. BASE DE DONNEES

   Nom de la base de données: Acquisition des Données Agricoles de Référence

   Forme de la base de données: Informatisée

   Type de la base de données: Númerique

   Importance de la base de données

      Période: Depuis 1986

      Fréquence de la mise à jour: Permanente

   Langue(s): Français

   Accès à la base de données: Réservé à l'organisme

   Utilisateurs de la base de données

      Internes: Techniciens, chercheurs

F. INSTITUTION/CENTRE D'INFORMATION

UNIVERSITE DE LIEGE, LABORATORIE DE GEOMORPHOLOGIE ET DE GEOLOGIE DU QUATERNAIRE

Place du XX Août 7, B 4000 Liège, Belgique

Telex: 41397 UNIV LY Telephone: (32-41) 420080
Telefax: (32-41) 224108

Nom de la personne à contacter: Dr. A. Ozer

Principale(s) activités de l'institution ou du centre d'information: Géomorphologie/Géologie du Quaternaire

Teledétection: Géologie; techniques de photo-interprétation; études des ressources terrestres, géologie appliquée; exploration minière; tectonique

Période pendant laquelle des données ont été collectées: De 1986 à nos jours

1. TYPE DE SYSTEME/SERVICE

Bibliothèque: Oui

Nombre approximatif d'ouvrages/revues spécialisées: 25,000/2,000

2. ZONE GEOGRAPHIQUE DESSERVIE: Belqique

3. LANGUES: Anglais, français, italien

4. UTILISATEURS CIBLES DE VOTRE SYSTEME/SERVICE

Internes (au sein de l'organisme): Projets; chercheurs

Externes: Organismes et missions gouvernementaux; étudiants

5. LES SERVICES FOURNIS

Prêts: A des particuliers, à d'autres organismes; à des organismes extérieurs

Services fournis à la demande d'utilisateurs externes: Recherche dans des bases de données informatisées externes; compilation de listes de référence; analyse des informations; fourniture de documents; fourniture de documents; fourniture de données assimilables par la machine

6. ACTIVITES DE FORMATION: Oui

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

8. BASE DE DONNES: N/D

BOLIVIA

A. INSTITUCION/CENTRO DE INFORMACION

EMPRESA NACIONAL DE TELECOMMUNICACIONES (ENTEL)

Calle Ayacucho No. 276, La Paz, Bolivia

Telex: 3202 Teléfono: 36-13-14 Cable: --

Persona a contactar: Ing. Marcelo Parrado, Sr. Eduardo Casis, Asesoria de Planificación, "ENTEL", Casilla 4450, La Paz, Bolivia

Función(es) principal(es) de la institución o del centro de informacíon:
Servicio de telefonía, telex, telegrafía y transmisión de datos nacionales e internacionales

Esferas de espacialización:

Communicaciones: Antenas, redes de comunicaciones, satélites de comunicaciones, comunicacion de datos, comunicaciones por satélite entre estaciones terrestres fijas, imágenes captadas mediante satélite, telecomunicaciones

Alcance de la información: 1978 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/publicaciones periódicas: 2200/120

Documentación: Sí

Número aproximado de documentos: 4,200

Datos: N/D*

Servicio de indizado/Elaboración de resúmenes:

Tipo de material indizado/resumido: Libros y publicaciones periódicas

Fuentes utilizadas para el indizado: UNISIST, REPIDISCA, Sistema de Computación Microisis

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*N/D indica que la información correspondiente a este rubro no fue proporcionada a las Naciones Unidas

Centro de distribución: N/D

Investigación: Sí

2. ALCANCE GEOGRAFICO: Mundial

3. IDIOMAS: Español, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal técnico, personal de proyectos, investigadores

Externos: Organizaciones educacionales, estudiantes, institutos de investigación

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos

Servicios prestados a petición de usuarios externos: Entrega de documentos, distribución de información seleccionada

Cargos por servicios: Ninguno

6. PROGRAMAS DE CAPACITACIO: Sí

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: Acceso a bases de datos sobre telecomunicaciones
Preferencia geográfica: Empresas nacionales de telecomunicaciones

8. BASE DE DATOS

Nombre de la base de datos: Equipos y Sistemas de Telecomunicaciones, Estadísticas en Telecomunicaciones y Documentación en Telecomunicaciones (por implantarse)

Modalidad de la base de datos: Computadorizada

Tipo de la base de datos:

Referencia: Bibliográfica, de referencia, índices de datos
Fuente: Numérica, textual

Tamaño de la base de datos: N/D

BRAZIL

A. INSTITUTION/INFORMATION CENTRE

INSTITUTO DE PESQUISAS ESPACIAIS (INPE)

Av. dos Astronautas, 1758, Caixa Postal 515, 12201 Sao José dos Campos-SP, Brazil

Telex: (123) 33530-INPE BR Tel.: (0123) 22-9977 Cable: --

Contact person: Dr. José R. Braga Coelho; Maria P. Loureiro Ardigo

Principal function(s) of the institution/information centre: Space sciences and space technology

Areas of specialization

Basic space sciences: Ionosphere; magnetosphere; radio astronomy; astrophysics; gamma-ray astronomy

Remote sensing: Forestry; geology; land observation; mineral exploration; satellite imagery processing; vegetation monitoring

Satellite communications: Communications satellites; dynamics of satellites

Satellite meteorology: Earth's climate; meteorological satellites; meteorology; weather forecasting

Extent of collection from/to (Years)

Basic space sciences: 1965/present
Remote sensing: 1965/present
Satellite communications: 1965/present
Satellite meteorology: 1965/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 52,000/1,529

Documentation: Yes

Approximate number of documents: 4,500 (INPE scientific production)

Data: Yes

Type/approximate number of data sets: Analog forms/63,000; digital forms/230,000

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: 52,000 documents

Indexing tools: UDC; AACR; NASA Thesaurus; EJC; NCC; ERIC; INIS; UNESCO; Macrothesaurus

Distribution centre: Yes

2. GEOGRAPHICAL COVERAGE: Worldwide; regional; sub-regional; national

3. LANGUAGE(S): English; French; Spanish; Portuguese

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research; technical; project; management; information units; administrative

External: Research institutes; students; international organizations; government agencies and missions; educational organizations; industry

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; other agencies; to external bodies

Services provided on request from external users: Compilation of reference lists; information analysis; document delivery; linkage with other libraries in the country for documentation exchange

Charge for services: None

6. TRAINING PROGRAMMES: Yes

Librarian and technical training programmes offered continuously; financial assistance can be provided

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: None

8. DATABASE(s): Yes

Name of database: Library database (SIRIUS); Meteorological database

Form of database: Computerized; microfiche; microfiche cartridges

Type of database

Reference: Bibliographic; referral

Source: Numeric

Time Span: SIRIUS - 1920/present; Meteorological database - 1910/present

Size of database: SIRIUS - 22.4 Mbytes of data; meteorological database - 2.0 Gbytes of digital data

Number of items added per year: N/A

Total number of items: 500,000

Frequency of updating: Continuously

Subject scope: Space technology; space sciences; engineering; meteorology and oceanography; remote sensing; materials science; sensors; plasmas (physics); computer science; mathematics

Availability of database: External

Location where database can be searched: Only from selected INPE installations

Users of database(s)

Internal (within agency): Research; technical; project; management; information units; administrative

External: Research institutes; government agencies and missions; educational organizations; industry; non-governmental organizations; other international organizations

B. INSTITUTION/INFORMATION CENTRE

CENTRO TECNICO AEROSPACIAL, INSTITUTO DE AERONAUTICA E ESPACIO

Centro Técnico Aerospacial - CTA/IAE

CEP: 12.225, Sao José dos Campos, Sao Paulo, Brazil

Telex: 1233393 CTAE BR
Tel.: (0123) 41-4611

Cable: N/A
Fax: (0123) 41-2522

Contact person: Director

Principal function(s) of the institution/information centre: Research and development in aeronautics and space science and technology

Areas of specialization

Basic space sciences: Data acquisition; data processing and instrumentation; radio transmitters; radio wave propagation; sounding rockets

Basic Aeronautics sciences: Aerodynamics, structure, electronics, etc.

Remote sensing: Digital/analog image analysis; photo-interpretation techniques; infrared remote sensing

Satellite meteorology: Agro-climatology; atmospheric thermodynamics; climate; cloud cover photographs/imagery; weather; weather forecasting

Extent of collection from/to (Years): 1954/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 8000/1000

Documentation: Yes

Approximate number of documents: 12000

Data: Yes

Type/approximate number of data sets: (a) documents in tabular form/100,000; (b) in analog form, e.g. maps, charts, photographs, aerial photographs, satellite imagery/20,000; (c) in digital form, e.g. magnetic media/1,000

Indexing/Abstracting Service: Yes

Indexing tools: Thesaurus NASA, CDU, STAR, Chemical Abstracts

Research: Yes

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English, French, Portuguese

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research, project and technical personnel; information units; management; administration

External: N/A

5. CLASSES OF SERVICES PROVIDED: N/A

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: None

8. DATABASE(S): N/A

C. INSTITUTION/INFORMATION CENTRE

CENTRO TECNICO AEROSPACIAL, INSTITUTO AEROSPACIAL, INSTITUTO TECNOLOGICO DE AERONAUTICA (ITA) - BIBLIOTECA CENTRAL

12225 Sao José dos Campos-SP, Brazil

Telex: 1133393 Tel.: 22-9088 R.180, 181, 182 Cable: CTAE BR

Contact person: Prof. Rodolpho Vilhena de Moraes; Prof. Fernando Walter

Principal function(s) of the institution/information centre: Research, education and development

Areas of specialization

Basic space sciences: Astronomy; astrophysics; dynamics of satellites; sounding rockets; spacecraft; aerodynamics of re-entry
Remote sensing: Photogrammetry; earth observation; earth resources survey; geodesy; image processing
Satellite communications: Dynamics of satellites; antennas; wave propagation; radar; satellite ground stations; satellite transponders
Satellite meteorology: Meteorological satellites; ionosphere; magnetosphere; earth's atmosphere; meteorology; oceanography;
Others: Electronics; mechanics; radioastronomy

Extent of collection from/to (Years): 1965/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 85,000 books/1,842 periodicals

Data: N/A

Type/approximate number of data sets: --

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Books, reports, etc.

Indexing tools: NASA Thesaurus; Thesaurus of Engineering and Scientific Terms

Distribution centre: Documents on microfiche; current contents

2. GEOGRAPHICAL COVERAGE: N/A

3. LANGUAGE(S): English; French; Russian; Spanish; German; Italian; Japanese

4 TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED:

Internal (within agency): Research; technical; project; management; administrative; information units

External: Research institutes; educational organizations; industry

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; external bodies

Services provided on request from external users: Compilation of reference lists; document delivery; selective dissemination of information

Charge for services: None

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: N/A

8. DATABASE(S):

Name of database: N/A

Forms of database: Computerized: NTIS

Type of database

Reference: Bibliographic; referral; data indexes

Source: Textual

Time span: 1920/present

Size of database:

Number of items added per year: About 4,000

Total number of items: 20,000

Frequency of updating (continuously, monthly, etc.): Monthly

Subject scope: Astronautics; aerodynamics; electrical and electronic engineering; mechanical engineering; computation; civil engineering; astronomy; materials

Language(s) of database(s): English; French; Russian; Spanish; German; Italian; Japanese

Availability of database(s): Within agency

Users of database

Internal (within agency): Research; technical; project management administrative; information units

External: Educational organizations; industry; research institutes; students; government agencies and missions; non-governmental organizations

BULGARIA

A. INSTITUTION/INFORMATION CENTRE

SPACE RESEARCH INSTITUTE

6, Moskovska Str. Sofia 1000, Bulgaria

Telex: 23351 IKI BAN BG Telephone: 88-35-03
Fax: (3592) 801347

Contact persons: Prof. B. Bonev; St. Chapkunov; M. Mutafchieva

Principal function(s) of the institution/information centre:
Research and Development

Areas of specialization

Basic Space Sciences: astrophysics; ionosphere; magnetosphere; optical emissions
Remote Sensing: image processing; agriculture and water resources; ecology; geodesy
Satellite Meteorology: data interpretation; tracking
Space Systems and Instrumentation: navigation; sensors; life support systems
Material Sciences: metals; composits

Extent of collection from/to (Years):

Basic space sciences: 1975/present
Remote Sensing: 1975/present
Satellite Meteorology: 1975/present
Space Systems and Instrumentation: 1975/present
Material Sciences: 1975/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 1000/10

Documentation: Yes

Type/approximate number of documents: 200

Data: Yes

Type/approximate number of data sets: digital and analog/3

Distribution Centre: Yes

Type of materials distributed: Not specified/upon request

Research: Yes

Research areas: BSS; RES; SAM; SSI; MS

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English; Russian; Bulgarian

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Research

   External: Government agencies and missions; Research institutes; Non-Governmental organizations

5. CLASSES OF SERVICES PROVIDED

   Services provided on request from external users: SDI

   Charge for Service: None

6. TRAINING PROGRAMMES: Upon specific request

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: BSS; RES; SAM; SSI; MS
   Geographic preference: Balkan region

8. DATABASE(S): None

CHAD

A. INSTITUTION/INFORMATION CENTRE

LABORATOIRE DE RECHERCHES VETERINAIRES ET ZOOTECHNIQUES DE FARCHA

B.P. 433, N'Djamena, Tchad

Telex: 5248 KD LABO FARCHA Telephone: 51-24-75/76
Fax: 19 235 513 990

Contact person: The Director

Principal function(s) of the institution/information centre: Veterinary and Zootechnical Research

Areas of specialization

Remote sensing: Desertification; environmental research and monitoring; land observations with remote sensing satellites; determination of soil moisture; vegetation monitoring

Extent of collection from/to (years): 1985/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 4,000/16,000

Documentation: Yes

Approximate number of documents: 1,800

Data: Yes

Type/approximate number of data sets: maps/120

Distribution Centre: Yes

Type of material distributed: Technical reports, papers, etc.

Research: Yes

Research areas: Range ecology and management

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): French

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Management; project; technical; research; administrative

   External: Government agencies and missions; research institutes

5. CLASSES OF SERVICES PROVIDED

   Loans: To individuals; to other agencies

   Services provided on request from external users: Compilation of reference lists; document delivery; provision of data in computer readable form

   Charges for services: None

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Utilisation of remote sensing data for range management purposes

   Geographic preference: Sahelian countries; countries with the same climate conditions

8. DATABASE(S): None

B. INSTITUTION/INFORMATION CENTRE

FACULTE DES SCIENCES EXACTES ET APPLIQUEES

B.P. 1027 Ndjamena, Tchad

Telex: UNITCHAD 5369 KD Telephone: 51-47-40
Fax: 235/5145 81

Contact person: Ahmat Mahamat Alhabo

Principal function(s) of the institution/information centre: Teaching

Areas of specialization: Satellite communications, satellite meteorology

Extent of collection from/to (years): 1991/present

1. TYPE OF SYSTEM/SERVICE

   Library: Yes

      Approximate number of books/periodicals: 100

   Documentation: Yes

      Approximate number of documents: 60

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): French

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

      Internal (within agency): Technical; research

      External: Research institutes

5. CLASSES OF SERVICES PROVIDED

   Loans: To other agencies

   Services provided on request from external users: Searching of external computer databases; document delivery; SDI

   Charges for services: yes

6. TRAINING PROGRAMMES: Yes

   Duration of programme: 3 years
   Language of instruction: French

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

8. DATABASE(S): Yes

   Name of data base(s): N/A

   Form of database: Computerized

   Type of database: Bibliographic; source (numeric and textual)

   Size of database:

      Number of items added per year: 10

      Total number of items: 20

      Frequency of updating: Monthly

Subject scope: Technology transfer

Language of database(s): French

Availability of database(s): External

Users of database:

Internal (within agency): Technical; research

External: Research institutes

CHILE

A. INSTITUCION/CENTRO DE INFORMACION

CENTRO DE DOCUMENTACION ENTEL

Santa Lucía No. 360, Santiago, Chile

Telex: 240683, 341394 Teléfono: 6902546/6902337
Facsímil: 6993424

Persona a contactar: Sr. Hernán Pérez Muñoz, Jefe Departamento Planificación Estratégica; St. Mario Raúl Domínguez, Gerente de Desarrollo y Gestión; Srta. Mónica Liparí, Jefe Oficina Coordinación Internacional; Sra. Herminia Degeas Ramirez, Jefe Centro de Documentación

Función(es) principal(es) de la institución o del centro de información: Suministrar en forma expedita y oportuna la información necesaria para el quehacer de la Empresa

Esferas de espacialización:

Ciencias espaciales básicas: Propagación de ondas, antenas, propiedades emisoras
Comunicaciones: Estaciones terrestres para satélites, comunicaciones satelitales, estaciones receptoras, señales de satélites, enlaces, servicios de comunicaciones por satélite
Otras: Servicio de radio difusión por satélite, transmisión directa de televisión por redes de comunicación, comunicación de datos, transmisión digital de datos

Alcance de la información:

Ciencias espaciales básicas:	1970 a la fecha
Comunicaciones:	1960 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/publicaciones periódicas: 12,000/90 titulos

Documentación: Sí

Número aproximado de documentos: 2,000

Datos: Sí

Tipo y número aproximado de conjuntos de datos: mapas/3,000

Servicio de indizado/Elaboración de resúmes:

Tipo de material indizado/resumido: Informes, documentos, artículos, publicaciones periódicas

Fuentes utilizados para el indizado: Tesauro de Telecomunicaciones de ENTEL y Tesauro del INSPEC

Centro de distribución: N/D

Investigación: N/D

2. ALCANCE GEOGRAFICO: Nacional, mundial

3. IDIOMAS: Español, Francés, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal de proyectos, personal técnico, administración, personal administrativo

Externos: Organismos gubernamentales y misiones, organizaciones internacionales, institutos de investigación, estudiantes

5. CLASES DE SERVICIOS PERSTADOS

Préstamos: A individuos, a organismos, a órganos esternos
Para usuarios internos: Búsquedas de información en línea a Bases de Datos vía DIALOG
Servicios prestados a perición de usuarios externos: Compilación de listas de referencia, entrega de documentos, prestamos interbibliotecarios

Cargos por servicios: Ninguno

Información adicional: Teléfono 71-21-21, Anexo 5337

6. PROGRAMS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: Intercambio de información inédita generada por instituciones similares

Preferencia geográfica: Organismos e instituciones de América Latina

8. BASE DE DATOS: Se trabaja en la Creación de una Base de Datos Bibliográfica y otra de Datos Estadísticos del Sector

B. INSTITUCION/CENTRO DE INFORMACION

CENTRO DE ESTUDIOS ESPACIALES, UNIVERSIDAD DE CHILE

Arturo Prat 1171, Of. 119, Santiago, Chile

Telex: 240523 CENET CL Teléfono: 56-2-6721816
FAX : 56-2-8441003 56-2-5553400

Función(es) principal(es) de la institución o del centro de informacion:
Estación de rastreo y obtención de datos satelitales, desarrollo e investigación de las aplicaciones de tecnología satelital

Esferas de especialización:

Rastreo satelital: Rastreo, control y adquisición de datos
Aplicaciones satelitales: Recepción y procesamiento datos NOAA/AVHRR y GOES/VISSR, procesamiento de datos Landsat, Spot, recolección de datos ambientales sistema GOES/DCS, terminal local sistema COSPAS/SARSAT
Comunicaciones: Construcción de antenas parabólicas
Otros : Aplicaciones para Sistemas Geográficos de Información

Alcance de la información:

Teledetección: 1977 a la fecha
Comunicaciones por satelite: 1959 a la fecha
Meteorologin mediante satelite: 1983 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/publicaciones periódicas : 750/-

Documentación : N/D

Datos : Sí

Tipo y número aproximado de conjuntos de datos: Analógicos y digitales/3,000

Servicio de indizado/Elaboración de resúmenes: N/D

Centro de distribución: N/D

Investigación: Sí

2. ALCANCE GEOGRAFICO : Nacional y subregional

3. IDIOMAS : Español, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Investigadoes de la Universidad de Chile, personal de proyectos, personal técnico

Externos: Agencias Espaciales Extranjeras, universidades nacionales y extranjeras, organizaciones gubernamentales e internacionales, institutos de investigación, empresas privadas, Fuerzas Armadas

5. CLASE DE SERVICIOS PRESTADOS

Préstamos: N/D

Servicios prestados a petición de usuarios externos: Entrega de información satelital procesada, trabajos en el área agrícola, forestal, oceanográfica usando información satelital, cursos de especialización, construcción de antenas parabólicas

Cargos por servicios: Sí, las tarifas se dan a conocer a cada interesado individualmente

6. PROGRAMAS DE CAPACITACION : Sí

- Curso de sistemas de Informacion Geografica, 1 semana, Español, 3 cursos/año, nivel universitario;
- Curso de Aplicaciones de Percepcion Remota, 1,2 semanas, Español, 3 cursos/año, nivel universitario

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Preferencia geográfica : Ninguno

Esfera(s) concreta(s) de Inferes: Aplicaciones satelitales : perception remota, sistemas de información geográfica

8. BASE DE DATOS: N/D

C. INSTITUCION/CENTRO DE INFORMACION

CENTRO DE INFORMACION DE RECURSOS NATURALES

Manuel Montt 1164, Casilla de Correos 14995, Santiago, Chile

Telex: 242017 CIREN CL Teléfono: 223-6641/74-96-69 Cable: --

Persona a contactar: Sr. Cristian Alvarez Sgolia, Director Ejecutivo; Sr. Jorge de la Fuente Salazar, Gerente; Sra. Maria Gonzalez Verdugo, Jefe, Depto. Comercialización

Función(es) principal(es) de la institución o del centro de información: Proporcionar información sobre recursos naturales a los distintos agentes del desarrollo en Chile

Esferas de especialización:

Teledetección: Agroclimatología, análisis digital/analógico de imágenes, recursos terrestres, geología, inventarios de recursos
Otros: Recursos naturales

Alcance de la información:

Teledetección: 1973 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/publicaciones periódicas: 50/300

Documentación: N/D

Datos: Sí

Tipo y número aproximado de conjuntos de datos: Analógicos/82,000

Servicio de indizado/Elaboración de resúmenes: N/D

Centro de distribución: N/D

Investigación: N/D

2. ALCANCE GEOGRAFICO: Nacional

3. IDIOMAS: Español, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal técnico, investigadoes, dependencias de información, personal de proyectos, departamento de comercialización

Externos: Organismos gubernamentales y misiones, institutos de investigaciones, organizaciones no-guvernamentales

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A otros organismos

Servicios prestados a petición de usuarios externso: Compilación de listas de referencia

Cargos por servicios: Sí

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Preferencia geográfica: N/D

8. BASE DE DATOS

Nombre de la base de datos: Bibliográfica

Modalidad de la base de datos: Computadorizada

Tipo de la base de datos:

Referencia: Bibliográfica

Tamaño de la base de datos

Tiempo que abarca: 1956-1980

Número de fichas/materias: 15,800 referencias

Frecuencia de actualización: N/D

Materias abarcadas: Meteorología, clima, cultivos, recursos de la Tierra, evapotranspiración, silvicultura, recursos hídricos, calidad del agua, desarrollo rural y urbano, cartografía del uso del suelo y temática

Idiomas de la base de datos: Español

Acceso a la base de datos:

Acceso local: Localidad del Centro en CIREN

Usuarios de la base de datos:

Internos: Dependencia de información, investigadores, personal técnico, personal de proyectos

Externos: Usuarios de recursos naturales, organismos gubernamentales y misiones, institutos de investigación organizaciones no-gubernamentales, industria

D. INSTITUCION/CENTRO DE INFORMACION

CORPORACION NACIONAL FORESTAL

Bulnes 285, Oficina 703, Santiago, Chile

Telex: 240001 CL CONAF Teléfono: 71-83-76 Cable: --

Persona a contactar: Sr. Ricardo Romero Alpe, Sr. Guillermo Nuñez Rueda, Sr. Wilfredo Alfaro Catalan

Función(es) principal(es) de la institución o del centro de informacíón: Protección, manajo y aprovechamiento de los recursos naturales renovables

Esferas de especialización:

Teledetección: Computadoras, levantamiento de mapas, imágenes, análisis digital, estudio y vigilancia del medio ambiente, interpretación, cartografía temática, recursos hídricos
Meteorología: Agroclimatología, cultivos, pronósticos, medio ambiente, interpretación, meteorología, temperaturas de superficie

Alcance de la información

Teledetección: 1982 a la fecha
Meteorología: 1987 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: N/D

Número aproximado de libros/publicaciones periódicas: 5/--

Documentación: N/D

Datos: Sí

Tipo y número aproximado de conjuntos de datos: Analogícos/420

Servicio de indizado/Elaboración de resúmenes: N/D

Centro de distribución: N/D

Investigación: N/D

2. ALCANCE GEOGRAFICO: Nacional

3. IDIOMAS: Español

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal de proyectos, personal técnico, personal administrativo

Externos: Organismos gubernamentales y misiones, institutos de investigación, estudiantes

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a otro organismos, a órganos externos

Servicios prestados a petidión de usuarios externos: Entrega de documentos

Cargos por servicios: N/D

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION:

Esferas concretas de interés: Sí; sistemas de información georeferenciada

Preferencia geográfica: N/D

8. BASE DE DATOS

Nombre de la base de datos: Base de Datos Agrometeorológicos

Modalidad de la base de datos: Computadorizada

Tipo de la base de datos:

Referencia: Indices de datos
Fuente: Numérica

Tamaño de la base de datos

Tiempo que abarca: 1954-1985

Número de fichas/materias agregadas por año: 44

Número total de fichas/materias: N/D

Frecuencia de actualización: Cada 2 años

Materias abarcadas: Temperatura, precipitación, evaporación, horas de sol, velocidad del viento, numbosidad, humedad relativa, temperatura de suelo, periódo libre de heladas, sumas técnicas

Idiomas de la base de datos: Español

Acceso a la base de datos: N/D

Usuarios de la base de datos:

Internos: Personal de proyectos, personal técnico, investigadores

Externos: Organismos gubernamentales y misiones, institutos de investigación, estudiantes

E. INSTITUCION/CENTRO DE INFORMACION

DIRECCION METEOROLOGICA DE CHILE (DMCH)

Casilla de Correos 717, Santiago, Chile

Telex: 241200 DATA Teléfono: 71-95-00/437 Cable: METEO-CHILE

Persona a contactar: Sr. Edelberto Rousseau, Sr. Fernando Cáceres

Función(es) principal(es) de la institución o del centro de informacíón: Dirigir, controlar, mantener y orientar el Servicio Meteorologico Nacional con el propósito de satisfacer las necesidades de información, investigación y previsión meteorologica de todas las actividades nacionales

Esferas de especialización:

Meteorología: Meteorología, precipitaciones, satélites repetidores de impulsos, adquisición de datos, comunicación de datos, procesamiento de datos

Alcance de la información: N/D

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/publicaciones periódicas: 2,000/160 títulos

Documentación: Sí

Número aproximado de documentos: 4,000

Datos: Sí

Tipo y número aproximado de conjuntos de datos: Formularios/1.6millionesde caracteres mensuales

Servicio de indizado/Elaboración de resúmenes: Ninguno

Centro de distribución: Sí

Tipo de material distribuido: Información básica

Investigación: N/D

2. ALCANCE GEOGRAFICO: Nacional

3. IDIOMAS: Español, Francés, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal técnico; personal de proyectos; dependencias de información; administración; personal administrativo; investigadores

Externos: Organismos gubernamentales y misiones; organizaciones no-gubernamentales; organización educacionales; organizaciones internacionales; estudiantes; industrias; instituto de investigación

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos; a otros organismos; a órganos externos

Servicios prestados a petición de usuarios externos: Búsqueda de bases de datos computadorizadas externas; compilación de listas de referencia; análisis de información; entrega de documentos; distribución de información seleccionada

Cargos por servicios: Sí; $527 por hora

6. PROGRAMAS DE CAPACITACIOS: Sí

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: Intercambio de datos

Preferencia geográfica: Países de habla hispana

8. BASE DE DATOS: N/D

F. INSTITUCION/CENTRO DE INFORMACION

INSTITUTO GEOGRAFICO MILITAR

Nueva Santa Isabel 1640, Santiago, Chile

Telex: --- Teléfono: 696-8221 Cable: ---

Persona a contactar: Brg. Roberto Castillo Viel,
Crl. José O. Cardenas Hernandez, Col. Luis Polanco Gallardo

Función(es) principal(es) de la institución o del centro de información: Cartografía, fotogrametría, geodesia, geografía

Esferas de especialización:

Teledetección: Cámaras multiespectrales/topográficas, cartografía digital, análisis digital y analógico de imágenes, levantamiento de mapas, interpretación fotointerpretación, fotogrametría, utilización de la Tierra

Otros: Geodesia, posicionamiento mundial

Alcance de la información:

Teledetección:	1977 a la fecha
Otros:	1977 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/publicaciones periódicas: 20/300

Documentación: N/D

Datos: Sí

Tipo y número aproximado de conjuntos de datos: Mapas, fotografías, imágenes/miles

Servicio de indizado/Elaboración de resúmenes: N/D

Centro de distribución: Sí

Tipo de material distribuido: Revista de investigaciones

Investigación: N/D

2. ALCANCE GEOGRAFICO: Nacional

3. IDIOMAS: Español, Francés, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): personal de proyectos, personal técnico, investigadores, dependencia de información

Externos: Organismos gubernamentales y misiones, estudiantes, organizaciones educacionales, organizaciones no-gubernamentales, institutos de investigación, organizaciones internacionales

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A otros organismos, a órganos externos

Servicios prestados a petición de usuarios externos: Compilación de listas de referencia, análisis de información, entrega de documentos

Cargos por servicios: Ninguno

6. PROGRAMAS DE CAPACITACIOS: Sí

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACIAON: N/D

8. BASE DE DATOS: Sí

Nombre de la base de datos: Datos Geodesicos

Modalidad de la base de datos: Computadorizada

Tipo de la base de datos:

Referencia: De referencia, indices de datos
Fuente: Numérica

Tamaño de la base de datos:

Tiempo que abarca: 1930 a la fecha

Número de fichas/materias agregadas por año: N/D

Número total de fichas/materias: 20,000 puntos geodésicos

Frecuencia de actualización: Diaria

Materias abarcadas: Posicion geodésica del punto, actualización antes y despues del terremoto, coordenadas UTM, cota del punto, reseña historica

Idiomas de la base de datos: Español, Inglés

Acceso a la base de datos: Local

Usuarios de la base de datos:

Internos: Personal técnico, personal de proyectos, investigadores, dependencia de informacion

G. INSTITUCION/CENTRO DE INFORMACION

SERVICIO AEROFOTOGRAMETRICO (SAF) DEL GENERAL JUAN SOLER MANFREDINI

Aeropuerto Los Cerrillos Maipu, Casilla 67, Santiago, Chile

Telex: 240055 CLFACH Teléfono: 557-3973/557-5084 Cable: --

Persona a contactar: Sr. Ettore Rossi Zerega
Sr. Roberto Richardson Varas

Función(es) principal(es) de la institución o del centro de informacíón: Confección de la carta aeronáutica nacional, aerofotogrametría, análisis digital de imágenes satélitales y analógicas

Esferas de especialización

Teledetección: Mapas, actualización cartográfica, satélites de observación del suelo, técnicas de fotointerpretación, infrarrojo, microondas, aerofotogrametría

Alcance de la información:

Teledetección: 1973 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Documentación: N/D

Datos: Sí

Servicio de indizado/Elaboración de resúmenes: N/D

Centro de distribución: N/D

Investigación: Sí

2. ALCANCE GEOGRAFICO: Nacional

3. IDIOMAS: Español, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Administración, dependencia de información, personal técnico, personal de proyecto, personal administrativo, investigadores

Externos: Organismos gubernamentales y misiones, organizaciones no-gubernamentales, industrias, organizaciones educacionales, estudiantes, institutos de investigacion, organizaciones internacionales

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a otros organismos

Servicios prestados a peticion de usuarios externos: Distribución de información seleccionada, servicios aerofotogramétricos

Cargos por servicios: Sí, depende del tipo de servicio

6. PROGRAMAS DE CAPACITACION: Sí

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Preferencia geográfica: N/D

8. BASE DE DATOS

Nombre de la base de datos: Archivo Nacional Aerofotogrametrico

Modalidad de la base de datos: Computadorizada

Tipo de la base de datos: Indices de datos

Tamaño de la base de datos

Tiempo que abarca: 1947 a la fecha

Número de fichas/materias agregadas por año: N/D

Número total de fichas/materias: N/D

Frecuencia de actualización: N/D

Materias abarcadas: Archivos de vuelos fotogramétricos a diferentes escalas

Idiomas de la base de datos: N/D

Acceso a la base de datos: N/D

Usuarios de la base de datos:

Internos: Administración, dependencia de información, personal de proyectos, personal administrativo, investigadores

Externos: Organismos gubernamnetales y misiones, organizaciones, no-gubernamentales, industria, organizaciones educacionales, estudiantes, instituto de investigacion, organizaciones internacionales

H. INSTITUCION/CENTRO DE INFORMACION

SERVICIO AGRICOLA Y GANADERO,
DIVISION PROTECCION DE LOS RECURSOS NATURALES RENOVABLES

Avenida Bulnes No. 140, Santiago, Chile

Telex: --- Teléfono: --- Cable: --

Persona a contactar: Sr. Mario Lagos Subiabre, Sr. Alberto Kuhne Garcia, Sr. Ruben López T.

Función(es) principal(es) de la institución o del centro de informacíón: Protección de los recursos naturales renovables

Esferas de especialización

Teledetección: Aplicaciones a la agricultura, estudio de cultivos, desertificación, interpretación, observación y cartografía de uso del suelo, inventorios de recursos naturales, agroclimatología, estimación de la biomasa

Alcance de la información:

Teledetección: 1962 a la fecha

1. TIPO DE SISTEMA O SERVICIO: N/D
2. ALCANCE GEOGRAFICO: Nacional
3. IDIOMAS: Español

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal técnico, personal de proyectos, investigadores, administración

Externos: N/D

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a otros organismos

Cargos por servicios: Ninguno

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: N/D

8. BASE DE DATOS

Nombre de la base de datos: Banco de Datos Regionales sobre Recursos Naturales Renovables

Modalidad de la base de datos: Boletin Técnico

Tipo de la base de datos: Indices de datos

Tamaño de la base de datos

Tiempo que abarca: 1984 a la fecha

Número de fichas/materias agregadas por año: Tres

Número total de fichas/materias: N/D

Frecuencia de actualización: Cada tres años

Materias abarcadas: Suelos, aguas, flora, fauna, agricultura

Idiomas de la base de datos: Español

Acceso a la base de datos:

Acceso local: Unidad Central, Unidad Regional (solo los usuarios del organismo)

Usuarios de la base de datos:

Internos: Personal técnico, investigadores, personal de proyectos, administración

Externos: Institutos de investigación

I. INSTITUCION/CENTRO DE INFORMACION

SUBSECRETARIA DE TELECOMUNICACIONES DE CHILE

Amunategui 139, Santiago, Chile

Telex: 341156 SUBTEL CK Teléfono: 72-65-03 Cable: --

Persona a contactar: Sr. Julio Polloni, Sr. Italo Mazzei Haase, Apdo. Postal 120, Correo 21, Santiago

Función(es) principal(es) de la institución o del centro de informacíón: Administración Chilena de telecomunicaciones

Esferas de especialización

Comunicaciones: Redes de comunicaciones, satélites de comunicaciones, servicio de comunicaciones por satélite entre estaciones terrestres fijas, televisión, satélites geoestacionarios, radiotransmisores

Alcance de la información:

Comunicaciones: 1977 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/publicaciones periódicas: 30

Documentación: N/D

Datos: N/D

Servicio de indizado/Elaboración de resúmenes: N/D

Centro de distribución: Sí

Tipo de material distribuido: Revistas y boletines

Investigación: N/D

2. ALCANCE GEOGRAFICO: Nacional

3. IDIOMAS: Español, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Administración, personal de proyectos, personal técnico

Externos: Organismos gubernamentales y misiones, organizaciones internacionales, institutos de investigación, organizacion no-gubernamentales, estudiantes

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a otros organismos

Servicios prestados a petición de usuarios externos: Entrega de documentos, distribución de información seleccionada

Cargos por servicios: Ninguno

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: Intercambio de información

Preferencia geográfica: Ninguna

8. BASE DE DATOS: N/D

J. INSTITUCION/CENTRO DE INFORMACION

UNIVERSIDAD DE CONCEPCION, DEPARTAMENTO DE FISICA, FACULTAD DE CIENCIAS

Casilla de Correo 947, Concepción, Chile

Telex: 260005 Teléfono: (41) 22-86-18 Cable: --

Persona a contactar: Dr. A. J. Foppiano, Dr. N. Saavedra

Función(es) principal(es) de la institución o del centro de información: Investigación

Esferas de especialización

Ciencias espaciales básicas: Ionósfera, teledetección mediante radio
Meteorología: Meteorología, clima, pronóstico del tiempo

Alcance de la información:

Ciencias espaciales básicas: 1958 a la fecha
Meteorología: 1968 a la fecha

1. TIPO DE SISTEMA O SERVICIO:

Biblioteca: N/D

Documentación: N/D

Datos: Si

Tipo y número aproximado de conjuntos de datos: Documentos tabulados, analógicos, digitales/--

Servicio de indizado/Elaboración de resúmenes: N/D

Centro de distribución: Sí

Tipo de material distribuido: Datos

Investigación: sí

2. ALCANCE GEOGRAFICO: Nacional
3. IDIOMAS: Español, Inglés
4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Investigadores

Externos: Institutos de investigación

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a otros organismos, a órganos externos

Servicios prestados a petición de usuarios externos: Suministro de datos en forma legible por computadora

Cargos por servicios: Sí; costo de materiales

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Preferencia geográfica: N/D

8. BASE DE DATOS

Nombre de la base de datos: N/D

Modalidad de la base de datos: Computadorizada, cartas sinópticas

Tipo de la base de datos:

Referencia: Indices de datos
Fuente: Numérica

Tamaño de la base de datos

Tiempo que abarca: 1958 a la fecha

Número de fichas/materias agregadas por año: N/D

Número total de fichas/materias: Dos

Frecuencia de actualización: Diaria y Mensual

Materias abarcadas: Datos, ionosféricos; datos meteorológicos sinópticos

Idiomas de la base de datos: Español, Inglés

Acceso a la base de datos: N/D

Usuarios de la base de datos:

Internos: Investigadores
Externos: Institutos de investigación

K. INSTITUCION/CENTRO DE INFORMACION

UNIVERSIDAD TECNICA FEDERICO SANTA MARIA

Ave. España 1680, Valparaiso, Chile

Telex: 230338 USM CL   Teléfono: 66-01-76   Cable: --

Persona a contactar: Sr. Hugo Palacios F., Sr. Rodolfo Feick; Casilla 110-V, Valparaiso, Chile

Función(es) principal(es) de la institución o del centro de información: Docencia, investigación, extensión

Esferas de especialización

Comunicaciones: Antenas, acquisición de datos, comunicación de datos, televisión, electrónica
Meteorología: Satélites meteorológicos

Alcance de la información:

Comunicaciones: 1976 a la fecha
Meteorología: 1976 a la fecha

1. TIPO DE SISTEMA O SERVICIO:

Biblioteca: Sí

Número aproximado de libros/publicaciones periódicas: 63,000/2100

Documentación: N/D

Datos: N/D

Servicio de indizado/Elaboración de resúmenes: Sí

Tipo de material indizado/resumido: Informes técnicos, tesis, memorias

Centro de distribución: N/D

Investigación: N/D

2. ALCANCE GEOGRAFICO: Nacional, regional

3. IDIOMAS: Español, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Investigadores, personal de proyectos, personal técnico

Externos: Estudiantes, Institutos de investigación, industrias

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a organismos, a órganos externos

Servicios prestados a petición de usuarios externos: Análisis de información, entrega de documentos, distribución de información seleccionada

Cargos por servicios: Variable; depende del tipo de servicio

6. PROGRAMAS DE CAPACITACION: Sí

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Preferencia geográfica: Ninguno

8. BASE DE DATOS: N/D

CHINA

A. INSTITUTION/INFORMATION CENTRE

CHINA DEFENSE SCIENCE AND TECHNOLOGY INFORMATION CENTRE (CDSTIC)

26 Fucheng Road, P.O. Box 190, Beijing, China

Telex: 22757 DSTIC CN   Tel.: (01)/898962
Cable: 2136   Fax: (01) 8328010

Contact Person: He Jianhua

Principal function(s) of the institution/information centre:
Information collecting, processing and service; providing strategic research

Areas of specialization:

Basic space sciences: Aerodynamics of re-entry; attenuation of radio signals; gamma-ray astronomy; ionosphere; magnetosphere; plasma physics

Remote sensing: Remote sensing (acoustic, infrared, microwave, optical), radio; remote sensing satellites

Satellite communications: Data collection; electric power for spacecraft; on-board telecommunication systems; satellite command and monitoring

Satellite meteorology: Meteorological satellites; numeric weather forecasting; photo interpretation techniques

Extent of collection from/to (Years): 1970/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 54,000/376,000

Documentation: Yes

Approximate number of documents: 1,600,000

Data: Yes

Type/approximate number of data sets: N/A

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Index of special subjects, non-periodicals

Indexing tools: Classification Rules of the Chinese Academy of Sciences

Research areas: Strategic research on science, technology and industry, macro-policy and management; computer information retrieval; database creatiom; network development

Type of material(s) distributed: CDSTIC paper; China Defense Sci.-Tech. report; Conmilit (monthly)

Others: Chinese character information processing

2. GEOGRAPHICAL COVERAGE: Worldwide; national

3. LANGUAGE(S): Chinese; English; French; Russian; Japanese; German

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research; information units; project; technical

External: Government agencies and missions; research institutes; industry; educational organizations; students; non-government organizations; international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; other agencies; external bodies

Services provided on request from external users: Searching of external computer databases; compilation of reference lists; information analysis; document delivery; provision of data in computer readable form; selective dissemination of information

6. TRAINING PROGRAMMES: For domestic students only

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Information exchange and coordinating research in areas listed above

Geographic preference: N/A

8. DATABASE(S): Database on defense, space, high-tech, etc. is under development

B. INSTITUTION/INFORMATION CENTRE

THE LIBRARY OF ACADEMIA SINICA

27 Wangfujing Dajie, Beijing, China

Telex: 22474 ASCHI Tel.: 550017 Cable: 5290

Contact person: Shi Jian; Yan Li-zhong; Zu Yin-chi

Principal function(s) of the institution/information centre:
Gathering, processing, provision of and research of documents and information

Areas of specialization

Basic space sciences: Astronomy; astrophysics; celestial bodies; manned space systems; space observations; space transportation systems
Remote sensing: Radar, synthetic aperture; remote sensing (acoustic, infra-red, microwave, optical, radio)
Satellite communications: Broadcasting satellite service; communications networks; communications satellites; on-board telecommunications systems
Satellite meteorlogy: Earth observation satellites; fixed satellite service; geostationary satellites

Extent of collection from/to (Years):

Basic space sciences:	1951/present
Remote sensing:	1969/present
Satellite communications:	1973/present
Satellite meteorlogy:	1985/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 528,755/299,533

Documentation: Yes

Approximate number of documents: 7,156,686

Data: N/A

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: 489 titles

Indexing tools: Library of Academia Sinica Classification; Science Abstracts Series A - Physics Abstracts Classification; Mathematics Subject Classification (United States)

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): Arabic; Chinese; English; French; Russian; Spanish; Japanese; German; Hungarian

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED:

   Internal (within agency): Research; technical; project; management;

   graduate students; information units

   External: research institutes; industry; government agencies and missions; non-governmental organizations; educational organizations;

   students

5. CLASSES OF SERVICES PROVIDED

   Loans: To individuals; other agencies; external bodies

   Services provided on request from external users: Searching of external computer databases; compilation of reference lists; information analysis; document delivery; provision of data in computer readable form; selective dissemination of information

   Charge for services: Yes

6. TRAINING PROGRAMMES: Master's degree in Library Science and Information Science; in Chinese

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Exchange of materials and staff; co-operation in information services

   Geographical preference: N/A

8. DATABASE(S): Yes

   Name of database: Computerized Union Catalogue of Western Languages; Serials in the libraries of the Chinese Academy of Sciences

   Form of database: Computerized

   Type of database: N/A

   Time Span: 1965/present

   Size of database:

   Number of items added per year: N/A

   Total number of items: 13,000

   Frequency of updating: N/A

Language of database: English

Availability of database: Within agency; external

Location where database can be searched: Library of Academia Sinica

Host name: The Scientific and Technical Information Network (STN)

File names: PHYS; NTIS; MATH; CA; BIOSIS; INSPEC; COMPENDEX

Searching language(s): English

Cost: Yes

Users of database

Internal (within agency): Research; technical; project; management; graduate student information units

External: Research institutes; industry; government agencies and missions; non-governmental organizations; educational organizations; students

C. INSTITUTION/INFORMATION CENTRE

MINISTRY OF AERONAUTICS AND ASTRONAUTICS INDUSTRY, SCIENCE AND TECHNOLOGY INFORMATION AGENCY, THIRD RESEARCH INSTITUTE

P.O. Box 7254, Beijing, China

Telex: 222832 AHYCN Tel: 837-5633 Cable: --

Contact Person: Mr. Wang Jing Long

Principal function(s) of the institution/information centre:
Information acquisition, processing, research and service

Areas of specialization:

Basic space sciences: Aerodynamics; materials science;laser beams; electronics; surveying; interpretation
Remote sensing: Navigation; radar, synthetic apperture; sensors: optical infrared/radio/thermal; computer aided mapping
Satellite communications: Antennas; radio wave propagation; digital data transmission; data processing and instrumentation; digital cartography; image processing

Extent of collection from/to (Years): 1965/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 330,000/40,000

Documentation: Yes

Approximate number of documents: 20,600

Data: Yes

Type/approximate number of data sets: 20,600

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Index of special subjects, non-periodical

Indexing tools: Classification Rules of Library of the Chinese Academy of Sciences

Research: Yes

Type of material(s) distributed: 6 journals; space science and technology

Others: Photo; science and technology films

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): Chinese

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Institute and ministry chiefs; management; design; research; industry; professional schools; information agencies; planners of Star Light projects

External: Government agencies and departments;research; institutes; universities and colleges; post-graduates; industrial departments; non-governmental agencies

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Searching of external computer databases; compilation of reference lists; information analysis; document delivery; provision of print publishing; assistance in patent rights issues

6. TRAINING PROGRAMMES: Preliminary indexing learning programme (within the agency only)

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Geographic preference: Japan; former Soviet Union; Europe; South America

8. DATABASE(S): N/A

COLOMBIA

A. INSTITUCION/CENTRO DE INFORMACION

INSTITUTO COLOMBIANO DE HIDROLOGIA, METEOROLOGIA Y ADECUACION DE TIERRAS (HIMAT)

Carrera 5 No. 15-80 Piso 2°, Bogotá, Colombia

Telex: 44345 CO Teléfono: 244-9509 Cable: HIMAT CO

Persona a contactar: Sr. Rafael Velásquez B., Carrera 5, No. 15-80, Piso 23, Bogotá, Colombia

Función(es) principal(es) de la institución o del centro de informacíon: Reunir en bancos de datos la información meteorológica e hidrológica del país

Esferas de espacialización:

Meteorología: Fotografías y conjuntos de imágenes de la cubierta de nubes

Alcance de la información: 1986 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/publicaciones periódicas: 6,000/--

Documentación: Sí

Número aproximado de documentos: 1,600

Datos: Sí

Tipo y número aproximado de conjuntos de datos: Datos analógicos/--

Servicio de indizado/Elaboración de resúmenes: Sí

Tipo de material indizado/resumido: Monografías

Fuentes utilizadas para el indizado: SPINES THESAURUSLEMB - OM -CLASIFIC, C.D.O.

Investigación: N/D

Centro de distribución: Sí

Tipo de material distribuido: Monografías, anuarios, datos

2. ALCANCE GEOGRAFICO: Regional

3. IDIOMAS: N/D

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal técnico, personal de proyectos, dependencias de información, investigadores, administración, personal administrativo

Externos: Organismos gubernamentales y misiones, estudiantes, organizaciones educacionales, organizaciones internacionales, institutos de investigación, organizaciones no-gubernamentales, industrias

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a otros organismos, a órganos externos

Servicios prestados a petición de usuarios externos: Compilación de listas de referencia, análisis de información, entrega de documentos, datos en forma legible por computadora

Cargos por servicios: Ninguno

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Preferencia geográfica: Ninguna

8. BASE DE DATOS: N/D

B. INSTITUCION/CENTRO DE INFORMACION

INSTITUTO NACIONAL DE INVESTIGACIONES GEOLOGICO-MINERAS (INGEOMINAS)

Diagonal 53 No. 34-53, Bogotá, Colombia

Telex: 44909 CO Teléfono: 222-1811 Cable: INGEOMINAS

Persona a contactar: Sr. Alberto Lobo-Guerrero, Sr. Luis Jaramillo, Sr. Hernando Lozano

Función(es) principal(es) de la institución o del centro de informacíón: investigación geológica y minera

Esferas de especialización

Teledetección: Procesamineto y aplicación de datos, análisis analógico de imágenes, pronóstico y vigilancia de terremotos, geología, hidrología, exploración e inventario de recursos minerales, recursos hídricos, calidad del agua, fotogrametría, geodinámica, ingeniería geológica

Alcance de la información:

Teledetección: 1960 a la fecha

1. TIPO DE SISTEMA O SERVICIO:

Biblioteca: Sí

Númereo aproximado de libros/publicaciones periódicas: --/500

Documentación: Sí

Datos: Sí

Tipo/número aproximado de conjuntos de datos: --/2000

Servicio de indizado/Elaboración de resúmenes: Sí

Tipo de material indizado/resumido: Catálogos, fichero

Fuentes utilizadas para el indizado: Indización coordinada, CDU

Centro de distribución: Sí

Investigación: Sí

2. ALCANCE GEOGRAFICO: Sub-regional, mundial,

3. IDIOMAS: Español, Francés, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

   Internos (dentro del organismo): Investigadores, personal de proyectos, personal técnico, dependencias de información

   Externos: Organismos gubernamentales y misiones, estudiantes, organizaciones educacionales, organizaciones internacionales, institutos de investigación, organizaciones no-gubernamentales, industrias

5. CLASES DE SERVICIOS PRESTADOS

   Préstamos: A individuos, a otros organismos, a órganos externos

   Servicios prestados a petición de usuarios externos: Compilación de listas de referencia, análisis de información, entrega de documentos, datos en forma legible por computadora, distribución de información seleccionada

   Cargos por servicios: Ninguno

6. PROGRAMAS DE CAPACITACION: Sí

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

8. BASE DE DATOS: N/D

C. INSTITUCION/CENTRO DE INFORMACION

TELECOMUNICACIONES, CENTRO DE DOCUMENTATION

Cra 12 No. 23 - 83 Piso 1ro. - Bogotá, Colombia

Telex: 44296 Teléfono: 283-90-49

Persona a contactar: Nelly Michelli Castañeda

Función(es) principal(es) de la institución o del centro de información: El Centro de Documentación tendrá como objetivo la centralización, procesamiento y difusión de la información sobre telecomunicaciones generada por Entidades del area y por TELECOM

Esferas de especialización:

Comunicaciones por satélite: Antenas; Servicio de radiodifusión por satélite; televisión, transmisión directa por satélite; satélites de cinybucacuibes; satélites geoestacionarios; estaciones terrenas

Alcance de la información:

Comunicaciones por satélite: 1978/1990

1. TIPO DE SISTEMA O SERVICIO

Documentación: Si

Número approximado de documentos: 2,500

Servicio de indizado/elaboración de resúmenes: Si

Tipo de material indizado/resumido: documentos

2. ALCANCE GEOGRAFICO:

Comunicaciones por satélite: Andina, nacional

3. IDIOMAS: Español, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal de proyectos; personal técnico; investigadores; personal administrativo; dependencias de información

Externos: Organismos gubernamentales y misiones; estudiantes; organizaciones educacionales; organizaciones no gubernamentales

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: Individuales; a otros organismos

Servicios prestados a petición de usuarios externos: Búsqueda de bases de datos computadorizadas externas; compilación de listas de referencia; entrega de documentos (distribución de publicaciones/periódicos, fotocopias de publicaciones solicitadas, microformatos, etc.

Cargos por servicios: Ninguno

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Ninguno

8. BASE DE DATOS:

Nombre de la base de datos: BI

Modalidad de la base de datos: Computadorizada

Tipo de la base: Bibliográfica

Tiempo que Abarca: 1970 a 1990

Número total de materials: Registros bibliograficos 2,500

Frecuencia de la actualizacion: constante

Materias abarcadas: Redes de Telecomunicaciones; Redes de Transmisión de Datos; Redes Telefónicas; Satélites de Telecomunicaciones; Servicios de Telecomunicaciones; Satélites Geoestacionarios; Administración de Empresas; Estaciones Terrenas (Satélites); Servicios Telemáticos; Telefonía y Tráfico; Calidad de Servicio; Comunicaciones por Satélites; Integración Regional; Planes Fundamentales

Idioma(s) de las bases de datos: Español

Acceso a la base de datos: Sólo los usuarios del organismo

Usuarios de las bases de datos:

Internos: Personal de proyectos; personal técnico; investigadores; personal administrativo; dependencia de información

Externos: Estudiantes; organizaciones educacionales; organizaciones no gubernamentales

D. INSTITUCION/CENTRO DE INFORMACION

INSTITUTO GEOGRAFICO "AGUSTIN CODAZZI"

Carrera 30 No. 48-51, Bogotá 2, Colombia

Telex: 45485 CO Teléfono: 268-0700
Cable: IGAC CO Fax: 211-4751

Persona a contactar: Subdirección de Planeación y Sistematizació, Subdirección de Docencia e Investigación

Funcion(es) principal(es) de la institución o del centro de información:
Elaboración de la cartografía nacional, estudio y clasificación de la tierra; docencia, investigación y consultoria en sensores remotos

Esferas de especialización:

Teledetección: Análisis digital y analógico de imágenes, observación del suelo, técnicas de fotointerpretación y fotogrametria, cartografí temática, geología

Otras: Computación

Alcance de la información:

Teledetección: 1968 a la fecha
Computación: 1985 a la fecha

1. TIPO DE SISTEMA O SERVICIO:

Biblioteca: Sí

Número aproximado de libros/publicaciones periódicas: 23,000/--

Documentatión: Sí

Número aproximado de documentos: 653; folletos: 3,571; mapas: 621

Datos: Sí

Servicio de indizado/elaboración de resúmenes: N/D

Centro de distribución: N/D

Investigación: N/D

2. ALCANCE GEOGRAFICO: Nacional

3. IDIOMAS: Español, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO:

Internos (dentro del organismo): Peronal técnico, investigadores, personal de proyectos, dependencias de información, administración, persona administrativo

Externos: Estudiantes, organizaciones educacionales, institutos de investigación, organismos gubernamentales y misiones, organismos no-gubernamentales, organizaciones internacionales

5. CLASES DE SERVICIOS PRESTADOS:

Préstamos: N/D

Servicios prestados a petición de usuarios externos: Compilación de listas de referencia, análisis de información entrega de docunetos, datos en forma legible por computadora, distribución de inforamación seleccionada

Cargos por servicios: Sí

6. PROGRAMAS DE CAPACITACION: Sí

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: Procesamiento digital y sistemas de información geográfica

Preferencia geográfica: Ninguna

8. BASE DE DATOS: Para sistemas de información geográfica (en proceso de adquisición)

E. INSTITUTION/INFORMATION CENTRE

SUBDIRECCION DE DOCENCIA E INVESTIGACION
INSTITUTO GEOGRAFICO "AGUSTIN CODAZZI"

Carrera 30 No. 48-51, Santa Fe de Bogota, Colombia

Telex: 45485 IGAC CO Telephone: 2680190
Fax: (571) 2680004

Contact person: Luis Carlos Molina, Myriam Ardila Torres

Principal function(s) of the institution/information centre: Teaching and Research on the Applications of Remote Sensing and Geographic Information Systems

Areas of specialization:

Remote sensing: Agriculture, geology, interpretation, land use, resource inventory, vegetation monitoring

Geographic Information Systems

Extent of collection from/to (years): 1967/1991

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 1000

Documentation: Yes

Approximate number of documents: 600

Data: Yes

Type/approximate number of data sets: 200

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: 50

Distribution Centre: Yes

Type of material distributed: Lecture notes

Research: Yes

Research areas: Applications of Remote Sensing

2. GEOGRAPHICAL COVERAGE: Latin America and the Caribbean

3. LANGUAGE(S): English, French, Russian, Spanish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research, technical

External: Government Agencies and Missions, Educational Organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Compilation of reference lists, document delivery

Charges for services: None

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Applications of Remote Sensing and Geographic Information Systems

Geographic preference: Agencies of Latin America and the Caribbean

8. DATABASE(S): Yes

Name of database: Geology-Soils

Forms of databases: Computerized

CONGO

INSTITUTION/CENTRE D'INFORMATION

MINISTERE DE LA RECHERCHE SCIENTIFIQUE ET DE L'ENVIRONNEMENT, DIRECTION DE L'INFORMATION SCIENTIFIQUE ET TECHNIQUE, (C.E.R.G.E.C.)

B.P. 125, Brazzaville, Congo

Téléphone: 81-07-80

Nom de la personne à contacter: Ministre de la Recherche Scientifique et de l'Environnement (Direction de l'Information Scientifique et technique), B.P. 2499. Directeur du CERGEC B.P. 125

Principale(s) activités de l'institution ou du centre d'information: Production cartographique, recherche géographique et cartographique

Spécialités:

Télédétection: Analyse númerique/analogique des images; traitement des images; schémas d'occupation des sols; cartes; activités cartographiques; techniques de photo-interprétation; cartographie thématique

Période pendant laquelle des données ont été collectées:
N/D

1. TYPE DE SYSTEME/SERVICE

Bibliothèque: Oui

Nombre approximatif d'ouvrages/revues spécialisées:
--/1,300

Données: Oui

Type/nombre approximatif d'ensembles de données:
Cartes, photographies/--

Centre de distribution: Oui

Recherche: N/D

2. ZONE GEOGRAPHIQUE DESSERVIE: Afrique/Afrique Centrale/Congo

3. LANGUES: Anglais, français, russe

4. UTILISATEURS CIBLE DE VOTRE SYSTEME/SERVICE:

Internes (au sein de l'organisme): Projects; techiniciens; chercheurs; aménageurs, planificateurs; service d'information

Externes: (Organismes et missions, gouvernementaux, institutes de recherche, organisation pédagogiques, industrie, autres organisations internationales

5. LES SERVICES FOURNIS

Services fournis à la demande d'utilisateurs externes: N/D

Vos services sont-ils payants? Oui

Tarifs approximatifs: N/D

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

Zone géographique: N/D

8. BASE DE DONNEES: N/D

COTE D'IVOIRE

INSTITUTION/CENTRE D'INFORMATION

INSTITUT D'ECOLOGIE TROPICALE

O8 B.P. 109, Abidjan 08, Côte d'Ivoire

Téléphone: 35 73 36

Nom de la personne à contacter: Sangare Yaya, 06 B.P. 729, Abidjan 06

Principale(s) activités de l'institution ou du centre d'information: Environment

Spécialités:

Télédétection: Agriculture, forestrie, hydrogeologie, hydrologie

Période pendant laquelle des données ont été collectées: De 1986 à nos jours

1. TYPE DE SYSTEME/SERVICE

Bibliothèque: Oui

Nombre approximatif d'ouvrages/revues spécialisées: --/5

Documentation: Oui

Nombre approximatif de documents: 10

Données: Oui

Type/nombre approximatif d'ensembles de données: Cartes, images satellites/6

2. ZONE GEOGRAPHIQUE DESSERVIE: Pays

3. LANGUES: Français

4. UTILISATEURS CIBLE DE VOTRE SYSTEME/SERVICE:

Internes (au sein de l'organisme): Chercheurs, techniciens, administration, service d'information, projets, direction

Externes: Institutes de recherche, organismes et missions governementaux, étudiants, organisations pédagogiques, industrie, organisations non gouvernamentales, autres organisations internationales

5. LES SERVICES FOURNIS: A d'autre organismes

   Vos services sont-ils payants?: Non

6. ACTIVITES DE FORMATION: Oui

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

   Zone géographique: N/D

8. BASE DE DONNEES: N/D

CUBA

INSTITUCION/CENTRO DE INFORMACION

COMISION NACIONAL CUBANA PARA LA EXPLORACION DEL ESPACIO Y SU UTILIZACION CON FINES PACIFICOS

Academia de Ciencias de Cuba, La Habana 2, Cuba

Telex: 51-1648 Telefono: 61-71-79 Cable: --

Persona a contactar: Dr. Reynel Jiménez, Depto. Coordinación Investigaciones Cósmicas, Academia de Ciencias de Cuba, La Habana 2, Cuba

Funcion(es) principal(es) de la institución: Coordinación nacional e internacional, asesoramiento y promoción nacional de las actividades espaciales en Cuba

Esferas de especialización:

Ciencias espaciales básicas
Teledetección
Comunicaciones
Meteorología

Alcance de la información:

Ciencias espaciales básicas: 1976 a la fecha
Teleobservación: 1977 a la fecha
Comunicaciones por satélite: 1976 a la fecha
Meteorología médiante satélite: 1976 a la fecha

1. TIPO DE SISTEMA O SERVICIO: N/D
2. ALCANCE GEOGRAFICO: Nacional
3. IDIOMAS: Español
4. USARIOS A LOS QUE ESTA DESTINADO EL SISTEMS O SERVICIO: N/D
5. CLASES DE SERVICIOS PRESTADOS: N/D
6. PROGRAMAS DE CAPACITACION: N/D
7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

   Preferencia geográfica: Ninguna
8. BASE DE DATOS: N/D

CYPRUS

A. INSTITUTION/INFORMATION CENTRE

NATURAL RESOURCE INFORMATION AND REMOTE SENSING CENTRE

Ministry of Agriculture and Natural Resources, Nicosia, Cyprus

Telex: 4660 Telephone: (2) 302333
Cable: MINAGRI
Fax: (2) 445156

Contact person: Dr. A. Panayiotou

Principal function(s) of the institution/information centre: N/A

Areas of specialization:

Remote sensing: Fisheries, forestry, geology, imagery processing, mineral exploration, agriculture

Extent of collection from/to (years): 1991/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

Documentation: N/A

Data: N/A

Indexing/Abstracting service: Yes

Distribution Centre: N/A

Research: Yes

Research areas: Research in the application of GIS and Remote Sensing Techniques to Natural Resources Exploration and Management

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English, Greek

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project, technical, research, administrative, information units

5. CLASSES OF SERVICES PROVIDED

Loans: To other agencies

Services provided on request from external users: Loans to other agencies

6. TRAINING PROGRAMMES: Yes

Training is provided only to the technical staff of Government Departments and, particularly, of the Ministry of Agriculture and Natural Resources

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES:

Specific areas of interest: Application of G.I.S. and Remote Sensing in Natural Resource Exploration, Monitoring and Management

Geographic preference: N/A

8. DATABASE(S): None

DENMARK

A. INSTITUTION/INFORMATION CENTRE

THE NATIONAL TECHNOLOGICAL LIBRARY OF DENMARK
DANMARKS TEKNISKE BIBLIOTEK

Anker Engelunds Vej 1, DK-2800 Lyngby, Denmark

Telex: 37148 dtbc dk Telephone:(45) 42 88 30 88
Fax: (45) 42 88 30 40

Contact person: Inger Hoy Nielsen

Principal function(s) of the institution/information centre: Library and related services

Areas of specialization

Remote sensing: Image processing, imaging techniques, pattern recognition, microwave remote sensing, satellite imagery processing, surveying

Satellite communications: Communications networks, communication satellites, data communication, Earth stations, electronics, wave propagation

Extent of collection from/to (years): mid-60's to present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 400/24
Library holding in all: 200,000/6,000

Indexing/Abstracting Service: Yes

Type of material indexed/abstracted: Books and periodicals

Indexing tools: UDC

2. GEOGRAPHICAL COVERAGE: worldwide

3. LANGUAGE(S): English, German, Danish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

External: Research institutes, industry, students, non-governmental organizations, libraries

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals, other agencies and external bodies

Services provided on request from external users: Searching of external computer databases; compilation of reference lists; document delivery; SDI

Charges for services: Yes, per search DKK 300 plus direct search costs plus DKK 3 per minute for telecom.

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: None

8. DATABASE(S): Yes

Name of database: ALIS

Form of database: computerized

Type of database: bibliographic

Time span: 1968-present

Size of database:

Number of items added per year: 15,000

Total number of items: 275,000

Frequency of updating: continuously

Subject scope: Technological and technical sciences

Language(s) of database: English, German, Danish

Availability of database: external

On-line access:

Host name: Danmarks Tekniske Bibliotek

File name: ALIS 2

Searching languages: Danish, English

Costs: Free of charge

User aid vailable: User manual, newsletter, training courses, online aid, help disk

Users of database: research institutes, students, industry, non-governmental organizations, libraries

ECUADOR

A. INSTITUCION/CENTRE DE INFORMACION

CENTRO DE LEVANTAMIENTOS INTEGRADOS DE RECURSOS NATURALES POR SENSORES REMOTOS, SISTEMA DE INFORMACION GEOREFERENCIADA DE RECURSOS NATURALES

CLIRSEN, Edificio Instituto Geográfico Militar, 4° Piso, Casilla 8216, Calle Paz y Miño,
Quito, Ecuador

Telex: 2775 CLIRSN ED Telefono: 54-27-58 Cable: N/D

Persona a contactar: Ing. Guillermo Bixby Ordoñez, Casilla 788-A, Quito, Ecuador

Funcion(es) principal(es) de la institución o del centro de información: Formar el inventario nacional de los recursos naturales del país

Esferas de especialización:

Teledetección: Inventario de recursos, agricultura, ingeniería geológica, estudios del medio ambiente, hidrología, pesquerías, uso del suelo

Meteorología: Cartografía digital, análisis digital de imágenes, sistema geográfico de información

Alcance de la información:

Teledetección: 1979 a la fecha
Meteorología: 1979 a la fecha

1. TIPO DE SISTEMA O SERVICIO:

Biblioteca: Sí

Número aproximado de libros/publicaciones periódicas: 1,000/1,000

Documentación: Sí

Número aproximado de documentos: 35,000

Datos: Sí

Tipo/número aproximado de conjuntos de datos: Analógicos, ditital/3,000

Servicio de indizado/Elaboración de resumenes: Sí

Tipo de material indizado/resumido: Varios

Investigación: Sí

Esferas de investigación: Sistemas de Información Geográfica

2. ALCANCE GEOGRAFICO: Nacional/Subregional

3. IDIOMAS: Español, Francés, Inglés

4. USARIOS A LOS QUE ESTA DESTINADO EL SISTEMS O SERVICIO:

Internos (dentro del organismo): Investigadores, personal técnico, personal de proyectos, dependencias de información

Externos: Organismos gubernamentales y misiones, institutos de investigación, estudiantes, organizaciones no-gubernamentales e internacionales

5. CLASES DE SERVICIOS PRESTADOS

Prestamos: A otros organismos

Servicios prestados a petición de usarios externos: Búsqueda en bases de datos computarizadas (internas), compilación de listas de referencia, entrega de documentos, suministro de datos en cinta magnética

Procedimiento para solicitar información: Mediante oficio enviado a la institución

Cargos por servicios: S 2,000/hora de maquina + S 0.10/boleta

6. PROGRAMAS DE CAPACITACION: N/D

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: N/A

Preferencia geográfica: Ninguna

Esferas concretas de interés: Recursos naturales, medio ambiente

Preferencia geográfica: Principalmente Ecuador y paises vecinos

8. BASE DE DATOS:

Nombre de la base de datos: D Base III

Modalidad de la base de datos: Computarizada

Tipo de la base de datos: De referencia a las fuentes de información

Tamaño de la base de datos

Tiempo que abarca: 1962 a la fecha

Número de fiches/materias agregadas por año: 10,000

Número total de fiches/materias: 35,000 fichas, 10 materias

Frecuencia de actualizacón: Mensual

Materias abarcadas: Recursos naturales, minerales, pesca, vegetales, animales, suelos, mar, energía, bosques, agua

Idioma(s) de la base de datos: Español

Acceso a la base de datos: Solo en el lugar

Usario de la base de datos: Internos, externos

B. INSTITUTION/INFORMATION CENTRE

CLIRSEN/COTOPAXI GROUND STATION

Seniérges s/n y Gral. Paz y Miño, Edificio IGM, 4to. piso - Quito, Ecuador

Telex: 2775 CLIRSN ED
Telephone: 593-2-549-472
Fax: 593-2-581-066

Contact person: Patricio Toledo, Patricio Solis, Edgar Peñaherrera, Fernan Sandoval

Principal function(s) of the institution/information centre:

Areas of specialization

Remote sensing: Applications to agriculture; photo-interpretation techniques using computers; data acquisition; digital cartography; Earth observation satellites; receiving stations; interpretation; training and education of users

Satellite meteorology: Space resolution; methods of numerical simulation; meteorological satellites; geostationary satellites; cloud cover picture/imagery; agro-climatology

Resource inventories: Data acquisition; digital/analog image analysis; Earth resources surveys; interpretation; land-use mapping; land-use patterns; resource inventories

Extent of collection from/to (years)

Remote sensing: 1977/present

Satellite meteorology: 1989 to present

Resource inventories: 1977 to present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 3,500

Data: Yes

Type/approximate number of data sets: maps - 1000; imagery - 50; CCT's - 100

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Bibliographic data base

Distribution Centre: Yes

Type of material distributed: Brochures, periodicals, studies

2. GEOGRAPHICAL COVERAGE: Regional (Cotopaxi ground station coverage area); sub-regional (Andean countries); national

3. LANGUAGE(S): Spanish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project personnel; technical; research; information units; administration; management; others.

External: Government agencies and missions; educational organizations; research institutes; students; non-governmental organizations; international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To other agencies; to external bodies

Services provided on request from external users: Searching of external computer data base; information analysis; document delivery; provision of data in computer-readable form; SDI

Charge for services: Yes

6. TRAINING PROGRAMMES: (a) short-term courses for heads of national organizations with whom the ground station has agreements; (b) international training courses sponsored by United Nations, ESA, CNES, EOSAT, FAO

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Digital processing and its applications, satellite imagery interpretation

Geographic preference: None

8. DATABASE(S): Yes

Name of database: Bibliographic data base/Digital Processing data base

Form of database: Computerized, microfilms

Type of database:

Reference: Bibliographic

Time span: Bibliographic data base has stored information of several years, but it is not updated

Frequency of updating: At random

Subject scope: Information for natural resources inventories

Language of database(s): Spanish

Availability of database(s): external

Locations where database can be searched: Locations at which information is provided

User aid available: Users manual

Users of database(s)

Internal (within agency): Project; technical; research

External: Government Agencies and Missions; research institutes; students; educational organizations

A. INSTITUTION/INFORMATION CENTRE

REMOTE SENSING CENTER

101 Kasr El-Eini St. - Academy of Scientific Research and Technology, Cairo, Egypt

Telex: 93069 ASRT UN Telephone: 3540173
Fax: 3557110

Contact person: Prof. Dr. Mohamed Abdel Hady; Prof. Dr. Hussein Younes; Dr. Maged El-Rakaiby

Principal function(s) of the institution/information centre: Image production, application of remote sensing in geological, soil, vegetation, landuse studies and mapping

Areas of specialization

Remote sensing: Crop surveys; desertification; geology; image processing; landuse mapping; photogrammetry

Extent of collection from/to (years): N/A

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 1200/800

Data: Yes

Type/approximate number of data sets: Documents in a tabular form; in analog forms; in digital forms

2. GEOGRAPHICAL COVERAGE: N/A

3. LANGUAGE(S): Arabic, English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: According to mutual agreements between governments

Services provided on request from external users: Information analysis; document delivery; provision of data in computer readable form; SDI

Charge for services: Yes (according to type of service)

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

8. DATABASE(S): Yes

Type of database: Bibliographic; data indexes

Number of items added per year: about 60

Frequency of updating: continuously

Language(s) of database: Arabic, English

ETHIOPIA

A. INSTITUTION/INFORMATION CENTRE

NATIONAL METEOROLOGICAL SERVICES AGENCY

P.O. Box 1090 Addis Ababa, Ethiopia

Telex: 21474 TMET ET Telephone: 51-22-99
Cable: ETHIO MET ADDIS

Contact person: Kinfemichael Tekle, General Manager

Principal function(s) of the institution/information centre: Collection and exchange of meteorological and environmental data and providing meteorological services to users

Areas of specialization

Remote sensing: Agriculture; crop survey; crop forecasting; vegetation monitoring; coastal survey; monitoring

Satellite communication: Data collection platforms; data relay satellites; meteorological data distribution

Satellite meteorology: Synoptic climatology; weather forecasting; climatology; climate changes monitoring

Extent of collection from/to (years):

Satellite meteorology: 1985/present

1. TYPE OF SYSTEM/SERVICE: N/A

2. GEOGRAPHICAL COVERAGE:

   Satellite meteorology: regional (Africa, part of Europe, part of Asia and Atlantic)

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Management; project; research

   External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; other international organizations

5. CLASSES OF SERVICES PROVIDED

   Loans: To individuals, to other agencies

   Services provided on request from external users: N/A

   Charges for services: Yes

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: None

8. DATABASE(S): N/A

FINLAND

A. INSTITUTION/INFORMATION CENTRE

FINNISH METEOROLOGICAL INSTITUTE

Vuorikatu 24 SF-00101 Helsinki, Finland

Telephone: 3580 19291
Fax: 358 0 179581

Contact person: J. Hankimo; P. Saarikivi; P. Nurmi

Principal function(s) of the institution/information centre: Weather forecasting and research

Areas of specialization

Satellite communications: Attenuation of radio signals

Satellite meteorology: Cloud cover pictures/imagery; Earth observation satellites; infrared remote sensing; microwave remote sensing; satellite imagery processing; weather satellites

Extent of collection from/to (years):

Remotes sensing: 1986 to present

Satellite communications: 1988 to present

Satellite meteorology: 1970/present

1. TYPE OF SYSTEM/SERVICE

Data: Yes

Type/approximate number of data sets: Real time data only

2. GEOGRAPHICAL COVERAGE:

Satellite communications: regional

Satellite meteorology: regional; sub-regional; national

3. LANGUAGE(S): English; Finnish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research

External: Government agencies and missions; research institutes; students; other international organizations; public

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Information analysis; provision of data in computer readable form

Charges for services: Yes

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: N/A

8. DATABASE(S): None

B. INSTITUTION/INFORMATION CENTRE

FINNISH METEOROLOGICAL INSTITUTE, DEPARTMENT OF GEOPHYSICS

Box 503, SF-00101 Helsinki, Finland

Telex: 124436 EFKL SF Telephone: 358-019291
Fax: 358-01929539

Contact person: Hannu Koskinen

Principal function(s) of the institution/information centre: Research

Areas of specialization

Basic space sciences: Polar aurora; celestial bodies; environmental research and monitoring; ionosphere; magnetosphere; plasmaphysics

Extent of collection from/to (years): 1957/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Documentation: Yes

Data: Yes

Indexing/Abstracting service: Yes

Research: Yes

2. GEOGRAPHICAL COVERAGE: regional (mainly Scandinavian countries)

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Management; project; technical; research; administrative

   External: Government agencies and missions; research institutes; students; educational organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Information analysis; document delivery; provision of data in computer readable form

Charges for services: Yes (depends on service); research is free of charge

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: N/A

8. DATABASE(S): Yes

Name of data base(s): All-sky auroral images

Form of database: Microfiche, slides

   Language(s) of databases: English

   Availability of database: Within agency only

   Users of database:

      Internal (within agency): Project; research

      External: Research institutes; students; educational organizations

C. INSTITUTION/INFORMATION CENTRE

HELSINKI UNIVERSITY OF TECHNOLOGY,
LABORATORY OF SPACE TECHNOLOGY

Otakaari 5 A, 02150 Espoo, Finland

Telex: 123889 Telephone: 358-0-4512371
Fax: 358-0-460224

Contact person: Martti Hallikainen

Principal function(s) of the institution/information centre: Education, research

Areas of specialization

Basic space sciences: Education; data processing and instrumentation

Remote sensing: Earth observation satellites; land observation with remote sensing satellites; synthetic apperture radar; microwave remote sensing; optical/IR/radio/thermal sensors; vegetation monitoring

Satellite communications: Education

Satellite meteorology: Education

Extent of collection from/to (years):

Basic space sciences: 1987/present

Remote sensing: 1972/present

Satellite communications: 1987/present

Satellite meteorology: 1987/present

1. TYPE OF SYSTEM/SERVICE

Research: Yes

Research areas: all above areas

2. GEOGRAPHICAL COVERAGE: Regional (Scandinavia); national

3. LANGUAGE(S): English, Finnish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; research

External: Educational organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

    Specific areas of interest: Remote sensing

    Geographic preference: None

8. DATABASE(S): N/A

D. INSTITUTION/INFORMATION CENTRE

OBSERVATORY AND ASTROPHYSICS LABORATORY, UNIVERSITY OF HELSINKI

Tahtitorninmaki, SF-00130 Helsinki, Finland

Telex: 358-0-124690 UNIH SF Telephone: 358-0-1912940
Fax: 358-0-1912952

Contact person: Dr. Osmi Vilhu

Principal function(s) of the institution/information centre: Research and education

Areas of specialization

    Basic space sciences: Astronomy; astrophysics; infrared astronomy; space observations; ultraviolet radiation; X-rays

Extent of collection from/to (years): 1978/present

1. TYPE OF SYSTEM/SERVICE

    Library: Yes

        Approximate number of books/periodicals: 5000/125

    Documentation: Yes

    Data: Yes

        Type/approximate number of data sets: 3000 maps & charts

2. GEOGRAPHICAL COVERAGE: Worldwide

3. LANGUAGE(S): English, Russian, Finnish, Swedish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

    Internal (within agency): Research; Information units

    External: Research institutes; students

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals

Services provided on request from external users: Document delivery

Charges for services: Yes, FIM 0.20 per photocopied page

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: None

8. DATABASE(S): None

E. INSTITUTION/INFORMATION CENTRE

DEPARTMENT OF PHYSICS, UNIVERSITY OF OULU

SF-90570 Oulu, Finland

Telex: 32375 oylin sf Telephone: 981-81-352031
Fax: 981-81-353259

Contact person: Dr. Lasse Jalonen

Principal function(s) of the institution/information centre: Education and research

Areas of specialization

Basic space sciences: Aurora; ionosphere; magnetosphere; electric fields in magnetosphere; cosmic rays; plasmaphysics

Extent of collection from/to (years): 1962/present

1. TYPE OF SYSTEM/SERVICE: N/A
GEOGRAPHICAL COVERAGE: worldwide

3. LANGUAGE(S): English, Finnish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research
External: Research institutes; students

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals

Services provided on request from external users: Searching of external computer databases; document delivery; exchange services;

Charges for services: Yes (for magnetic tapes, postal expenses, searching time), not for scientific cooperation

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Astronomy-related subjects

8. DATABASE(S): N/A

FRANCE

INSTITUTION/CENTRE D'INFORMATION

GROUPEMENT POUR LE DEVELOPPEMENT DE LA TELEDETECTION AEROSPATIALE (G.D.T.A)

18 avenue Edouard Belin, 31055 Toulouse Cedex, France

No. de Télex: 531081 F   Téléphone: (61) 27 42 76

Nom de la personne à contacter: Jean-Pierre Paris, Charles-Henry Latarche

Principale(s) activités de l'institution ou du centre d'information: Acquisition; traitment; recherche; formation

Spécialités:

Télédétection: Observations des terres à l'aide de satellites de téledétection, acquisition de données, inventaires de resources naturelles; océanographie, traitement des images, formation et enseignement des utilisateurs de la technologie spatiale

Période pendant laquelle des données ont été collectées: 1972 à nos jours

1. TYPE DE SYSTEME/SERVICE

Bibliothèque: Oui

Nombre approximatif d'ouvrages/revues spécialisées: 2000/40

Centre de distribution:

Type de documents distribués: Bulletin "Nouvelles Acquisitions"

Recherche: Oui

2. ZONE GEOGRAPHIQUE DESSERVIE: Pays/monde

3. LANGUES: Anglais, français, espagnol

4. UTILISATEURS CIBLE DE VOTRE SYSTME/SERVICE:

Internes (au sein de l'organisme): Direction, chercheurs

Externes: Institutes de recherche, organismes et missions étudiants, organisations pédagogiques, industrie, organisations non gouvernamentales, autres organisations internationales

5. LES SERVICES FOURNIS

Prêtes: A des particuliers, à d'autres organismes

Services fournis à la demande d'utilisateurs externes: Recherche dans des bases de données informatisées externes, compilation de listes de reference, analyse des informations, fourniture de documents, fourniture de données assimilables par la machine

Vos services sont-ils payants?: Prêts: non; photocopie articles: non; recherche: oui

Tarifs approximatifs: N/D

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

Domaines d'intérêts: Bibliographie de Télédétection

Zone géographique: Avec tous systèmes ou services specialisés en téledétection à l'échelle européene ou internationale

8. BASE DE DONNEES: N/D

GERMANY

A. INSTITUTION/INFORMATION CENTRE

GERMAN AEROSPACE RESEARCH ESTABLISHMENT (DLR)

Linder Höhe, 5000 Köln 90, Germany

Telex: 88100 DLRD Tel.: 02203/6010 Telefax: 02203-67310

Contact Person: Prof. Dr. Walter Kröll, Chairman

Principal function(s) of the institution/information centre: Aeronautical and space research and development

Areas of specialization: All major fields of basic space sciences, remote sensing satellite communications and satellite meteorology

Extent of collection from/to (Years): 1976/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: N/A

Data: Yes

Distribution centre: Yes

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English, German

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research; project; technical; management; administrative; information units

External: Government agencies and missions; research institutions; industry; non-government organizations; international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Document delivery; provision of data in computer readable form

Charge for services: Upon request

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

8. DATABASE(S): Yes

Name of database: Space Information Network

Form of database: Computerized

Type of database:

Reference: Bibliographic; referral

Source: Numeric; textual

Subject scope: Materials science under microgravity conditions; life science; satellite communications, remote sensing; extraterrestrial issues

Language(s) of database(s): English; German

Availability of database(s): Within agency only

Users of databases:

Internal (within agency only): Research; project; management; technical; administrative

B. INSTITUTION/INFORMATION CENTRE

UNIVERSITY OF HANNOVER, INSTITUTE FOR PHOTOGRAMMETRY AND ENGINEERING SURVEYS

Nienburger Str. 1, D-3000 Hannover, Germany

Telex: 0923868 unihnd Telephone: (0511) 762-2481
Fax: (0511) 762-2483

Contact person: Prof. Dr. G. Konecny; Dr.-Ing. Walter Schuhr; Dr.-Ing. Karsten Jacobsen

Principal function(s) of the institution/information centre: Education and research at the university level

Areas of specialization

Remote sensing: Computer-aided mapping; digital/analog image analysis; image processing; rural/urban development; space platforms; thematic mapping

Photogrammetry, space mapping, coastal applications

Extent of collection from/to (years): 1971/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 3,000/30

Data: N/A

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: N/A

Research: N/A

Type of material (s) distributed: N/A

2. GEOGRAPHICAL COVERAGE: National; sub-regional; regional; worldwide

3. LANGUAGE(S): English, German

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research; project; technical

External: Students; educational organizations; international organizations; research institutes; government agencies and missions

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; other agencies

Services provided on request from external users: Official exchange of publications

Charges for services: Approx. US$ 20 per own scientific publication

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: N/A

8. DATABASE(S): N/A

GHANA

A. INSTITUTION/INFORMATION CENTRE

NKUTUNSE SATELLITE EARTH STATION

P&T Corporation, Headquarters, Accra-North, Ghana

Telex: 94 3010 ENGHQ GHTelephone: 233 21 220030/229776
Cable: Gentel Accra
Fax: 233 21 667979

Contact person: Ing. S.A. Okang

Principal function(s) of the institution/information centre: Carrier of International Telecommunication Services

Areas of specialization

Satellite communications: Communications networks; communications satellites; Earth stations; fixed satellite service; geostationary satellites; television

Extent of collection from/to (years): 1981/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 200/100

Documentation: N/A

Data: Yes

Type/approximate number of data sets: in analog forms/500

Indexing/Abstracting service: N/A

2. GEOGRAPHICAL COVERAGE: Worldwide, regional (Africa)

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management; project; technical; administrative

External: Government agencies and missions; non-governmental organizations; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: to individuals; to other agencies; to external bodies

Services provided on request from external users: SDI

Charges for services: None

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Digital satellite communications; maintenance of test equipment

Geographic preference: None

8. DATABASE(S): N/A

GUATEMALA

A. INSTITUTION/INFORMATION CENTRE

INSTITUTO NACIONAL DE SISMOLOGIA, VULCANOLOGIA, METEOROLOGIA Y HIDROLOGIA (INSIVUMEH)

7a. Ave. 14-57, zona 13, Guatemala, Guatemala

Telephone: 502-2-363944
Fax: 502-2-315005

Contact persons: Estuardo Velásquez, Eddy Sánchez Benett, Leonel Nájera

Principal function(s) of the institution/information centre: Data collection, information service in seismology, vulcanology, meteorology and hidrology

Areas of specialization

Satellite meteorology: Meteorology; weather forecasting; agrometeorology

Extent of collection from/to (years): 1991/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Documentation: Yes

Approximate number of documents: 9000

Data: Yes

2. GEOGRAPHICAL COVERAGE: Sub-regional (Central America), national

3. LANGUAGE(S): Spanish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Technical; research

External: Government agencies and missions; research institutes; students; educational organizations; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: to individuals; to other agencies

Services provided on request from external users: Document delivery; provision of data in computer readable form

Charges for services: Yes, $5 to $10 per bulletin

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Meteorology, agroclimatology, climatology, cloud coverage, crops, weather forecasting, fishery, education

   Geographic preference: Central America

8. DATABASE(S): Yes

Name of data base(s): Hidrometeorología

Form of database: Computerized

Type of database: Reference (bibliographic, data indexes)

Time span: 1978/present

Size of database:

   Number of items added per year: N/A

   Total number of items: 5

   Frequency of updating: Continuously

Subject scope: Agrometeorology, underground water, hydrology, meteorology, seismology, sinoptic meteorology

Language of database: Spanish

Availability of database: Within agency only

Users of database:

   Internal (within agency): Technical; research

   External: Government agencies and missions; research institutes; students; educational organizations; other international organizations

GUINEA BISSAU

INSTITUTION/CENTRE D'INFORMATION

SERVICE METEOROLOGIQUE NATIONAL

B.P. 75 Bissau, Guinea Bissau, 1001 Codex Bissau

No. de Télex: 263 MTTBI Téléphone: 212332
Adresse télégraphique: METEOBIS

Nom de la personne à contacter: M. De Alvarenga

Principale(s) activités de l'institution ou du centre d'information: Service météorologie

Spécialités:

Communications par satellite: Communication de données, météorologie

Météorologie par satellite: Climat, image de la couverture nuageuse, acquisition données

Période pendant laquelle des données ont été collectées: 1984 à nos jours

1. TYPE DE SYSTEME/SERVICE: Documentation et données

2. ZONE GEOGRAPHIQUE DESSERVIE: Pays, sous-région, région

3. LANGUES: Portugais, Spagnol, Francais, Anglais

4. UTILISATEURS CIBLE DE VOTRE SYSTEME/SERVICE:

   Internes (au sein de l'organisme): Administration, direction, techniciens, chercheurs, services d'information

   Externes: Organismes et missions governementaux, étudiants, organisations internationales, instituts de recherche, organisations non gouvernementales, étudiants, industrie

5. LES SERVICES FOURNIS: Assistance meteorologique en général

6. ACTIVITIES DE FORMATION: Formation a Hoc Meteo classe IV

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Collaborations dans le cadre de la VMM Plusieurs organismes nationaux intéresses

8. BASE DE DONNEES: Données historiquies 51/80 en format clicom et microfiches

HONG KONG

INSTITUTION/INFORMATION CENTRE

ROYAL OBSERVATORY, HONG KONG

134A Nathan Road, Kowloon, Hong Kong

Telex: 54777 GEOPH HX   Tel.: (852)-7329200
Cable: OBSERVAHKG   Telefax: 7215034

Contact Person: Mr. Patrick P. Sham

Principal function(s) of the institution/information centre: Weather forecasting; tropical cyclone warning; various meteorological and geophysical services

Areas of specialization:

Remote sensing: Microwave
Satellite meteorology: Weather forecasting; climate;cloud cover pictures/imagery; digital/analog image analysis; precipitation; surface temperatures

Extent of collection from/to (Years):

Remote sensing:	1960/present
Satellite meteorlogy:	1964/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 120/1,200

Documentation: Yes

Approximate number of documents: 4 systems

Data: Yes

Type/approximate number of data sets: Analog forms/3; Digital forms/3

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Books; periodicals; records

Research: Yes

Type of material(s) distributed: Catalogue; data and information; articles

2. GEOGRAPHICAL COVERAGE:

   Remote sensing: 512 km radius of Hong Kong
   Satellite meteorology: 60°S-60°N, 70°E-170°W

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Operations; information units; research; technical

   External: Government agencies and missions;international organizations; industry; research institutes; education organizations; students; non-governmental organizations.

5. CLASSES OF SERVICES PROVIDED:

Loans: N/A

Services provided on request from external users: Provision of data in computer readable form; information analysis; document delivery.

Charge for services: Estimated on individual case and revised annually.

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: Member States of ESCAP region

8. DATABASE(S): Yes

Name of database: None

Form of database: Photographic films, magnetic and video tapes

Type of database: Bibliographic; data indexes

Time span: 1960/present

Size of database:

   Number of items added per year: 9,700

   Total number of items: About 126,000

   Frequency of updating (continuously, monthly, etc.): continuously

Subject scope: Climate; cloud cover picture/imagery; data reception and processing instrumentation; digital/analog image analysis; earth observation satellites; meteorology; numerical weather forecasting; remote sensing acoustic/microwave; weather forecasting

Language(s) of database(s); English

Availability of database(s): Within agency only

On-line access: N/A

Users of database:

Internal (within agency): Operations; information units; research

External: International organizations; research institutions; educational organizations

INDIA

A. INSTITUTION/INFORMATION CENTRE

DEPARTMENT OF SPACE, INDIAN SPACE RESEARCH ORGANISATION (ISRO)

Antariksh Bhavan, New Bel Road, Bangalore-560 094, India

Telex: 0845-2499 ISRO IN, 0845-2326 DOS IN
Telephone: 0812-334474
Cable: ISRO BANGALORE
Fax: 0812-334249

Contact persons: Prof. U.R. Rao, Mr. M.G. Chandrasekhar, Mr. S. Krishna Murthy

Principal function(s) of the institution/information centre: Research and development in space science, technology and applications; execution of national space program

Areas of specialization: Various aspects of basic space sciences, remote sensing, satellite communications, satellite meteorology; development of satellites, satellite launch vehicles and sounding rockets for the above applications

Extent of collection from/to (years):

Basic space sciences:	1963/present
Remote sensing:	1975/present
Satellite communications:	1975/present
Satellite meteorology:	1983/present

1. TYPE OF SYSTEM/SERVICE

Library: Mainly for internal use, well-equipped libraries with several thousands of books and hundreds of periodicals in each main research, development and application centre of ISRO, namely Vikram Sarabhai Space Centre, Trivandrum; ISRO Satellite Centre, Bangalore; SHAR Centre, Sriharikota; Space Applications Centre, SAC and Liquid Propulsion Systems Centre, Trivandrum, India

Approximate number of books/periodicals: 75,000/600

Data: Yes

Type/approximate number of data sets: Facilities for reception/processing data from LANDSAT, NOAA and Indian Remote Sensing Satellite (IRS) and ERS exist at the National Remote Sensing Agency (NRSA), Hyderabad, India; NRSA data centre services remote sensing data users from India and abroad with photo and computer compatible data products

Indexing/Abstracting service: Yes

Distribution Centre: For data related to dynamics/temperature/minor constituents ionization of Middle atmosphere contact address: Space Science Data Centre, ISRO Headquarters, Antariksh Bhavan, New BEL Road, Bangalore 560 094, India

Research: ISRO carries out research, development and projects execution in a wide range of disciplines relevant to space sciences, technology and applications - rocket, balloon based research in space sciences, satellite based research for applications in telecom, meteorology, remote sensing, etc., and launch vehicle related research and development

2. GEOGRAPHICAL COVERAGE: Mainly national; International/regional coverage could be considered on request or through cooperative arrangements

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Management; project; technical; research; administrative

   External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED

   Loans: For books/periodicals through reciprocal arrangements

   Services provided on request from external users: Document delivery; provision of data in computer readable forms

   Charges for services: ISRO publications are generally supplied free of charge; satellite based data at catalogue prices

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Information exchange in basic space sciences, remote sensing, satellite communications, meteorology, etc. and joint cooperative activities

   Geographic preference: None

8. DATABASE(S): N/A

B. INSTITUTION/INFORMATION CENTRE

NATIONAL REMOTE SENSING AGENCY (NRSA)

Balanagar, Hyderabad-500 037, Andhra Pradesh, India

Telex: 0425-6522 Telephone: 0842-262572
Cable: REMOSEN
Fax: 0842-263648

Contact persons: Prof. B.L. Deekshatulu, Mr. Sheelan Santosh Kumar, Mr. A.S. Ramamoorthy

Principal function(s) of the institution/information centre: Satellite/aerial data acquisition, product generation and dissemination, training for various applications

Areas of specialization

Remote sensing: Data acquisition; pattern recognition; training and education of users of space technology; satellite ground stations/earth terminals; satellite imagery processing; remote sensing applications

Extent of collection from/to (years): 1975/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 2,886/240

Data: In analog form, e.g., maps, charts, aerial photographs, satellite imagery; in digital form, i.e., magnetic media

Indexing/Abstracting service: Yes

Indexing Tools: UDC

2. GEOGRAPHICAL COVERAGE: National
3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Technical; project; research personnel

External: Government agencies and missions; industry; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Documentation analysis, document delivery, provision of data in computer readable forms

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: N/A

8. DATABASE(S): Yes

Name of data base(s): N/A

Form of database: Computerized

Type of database: Bibliographic

Time span: Since 1983

Size of database:

Number of items added per year: N/A

Total number of items: 2,500

Frequency of updating: monthly

Subject scope: N/A

Language(s) of database(s): English

Availability of database(s): Within agency only

Users of database(s):

Internal (within agency): Technical projects; research and management

INDONESIA

A. INSTITUTION/INFORMATION CENTRE

NATIONAL INSTITUTE OF AERONAUTICS AND SPACE,
AEROSPACE TECHNICAL DOCUMENTATION AND INFORMATION CENTER

LAPAN, Jl. Pemuda Persil 1, Jakarta 13220, Indonesia

Telex: 48875 LAPAN IA Telephone: 4892802, 4892824, 4892884,
Fax: 4894815, 4894941, 4894744

Contact person: Soelarso Soebroto, Head, Aerospace Technical Documentation Division and Information Centre

Principal function(s) of the institution/information centre: Provides aerospace technical information for research and development

Areas of specialization

Basic space sciences: Earth atmosphere; earth's climate
Remote sensing: Data acquisition; earth observation satellites; earth stations; remote sensing applications in fisheries, forestry; image processing
Satellite communications: Communications satellites; earth stations; satellite meteorology
Satellite meteorology: Climate; cloud cover picture/imagery; data acquisition; earth stations; meteorological satellites; sounding rocket technology

Extent of collection from/to (years):

Basic space sciences : 1965/present
Remote sensing : 1982/present
Satellite meteorology: 1973/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 20,000/1500

Documentation: Yes

Approximate number of documents: 2000

Data: Yes

Type/approximate number of data sets: In analog and digital forms/2,000

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: 10,500 items

Distribution Centre: Journals/technical paper

2. GEOGRAPHICAL COVERAGE: Regional, national

3. LANGUAGE(S): Indonesian, English, French

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Research; technical; project; information units; management

   External: Research institutes; government agencies and missions; students; industry; educational organizations; non-governmental and international organizations

5. CLASSES OF SERVICES PROVIDED

   Loans: N/A

   Services provided on request from external users: Information analysis; document delivery; provision of data in computer readable form; selective dissemination of information

   Charges for services: Material, delivery and services costs

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

8. DATABASE(S): Yes

   Name of data base(s): BUKU; COSPAR; NASA; KKIT; JOURN; LANDSAT

   Form of database: Computerized

   Type of database: Bibliographic; referral

   Time span: 1974/present

   Size of database:

   Number of items added per year: N/A

   Total number of items: N/A

   Frequency of updating: Monthly

   Language(s) of database(s): Indonesian, English, French

   Availability of database(s): Within agency only

   Locations where database can be searched: Only at the agency

JAPAN

A. INSTITUTION/INFORMATION CENTRE

RADIO RESEARCH LABORATORY (RRL)

2-1 Nukui-Kitamachi, 4-chome, Koganei, Tokyo, 189 Japan

Telex: 2832611 DEMPA J Tel.: 0423-21-1211 Cable: --

Contact Person: F. Takahashi, Chief, Frequency and Time Measurements Research Section, Standards and Measurements Division, Radio Research Laboratory, Ministry of Posts and Telecommunication

Principal function(s) of the institution/information centre: Radio science and communication and information engineering

Areas of specialization:

Basic space sciences: Radio astronomy; plasma physics
Remote sensing: Crustal plate; earthquakes

Extent of collection from/to (Years):

Basic space sciences:	1983/present
Remote sensing:	1983/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

Data: Yes

Type/approximate number of data sets: Information in digital forms, e.g. magnetic media/--

Distribution centre: N/A

2. GEOGRAPHICAL COVERAGE:

Basic space sciences: Worldwide, regional (Asia), national

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research

External: Research institutes

5. CLASSES OF SERVICES PROVIDED

Loans: None

Services provided on request from external users: None

Telephone on-line-link (access code): KASMIMA/INTEC/TELEMAIL

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: U.S.A., China, Canada

8. DATABASE(S): Yes

Name of database: Very Long Boreline Interferometry Database

Form of database: Computerized

Type of database

Reference: Data indexes

Source: Textual

Time span: 1983/present

Size of database

Number of items added per year: N/A

Total number of items: 300

Frequency of updating (continuously, monthly, etc.): Continuously

Subject scope: Crustal deformation; plate techtonics; precise geodesy; earthquake prediction ; radio astronomy; time synchronization

Language(s) of database(s): English

Availability of database(s): Within agency only

Location where database can be searched: RRL mainframe computer terminals: HP-1000 mini-computer at the Kashima center

On-line access: None

Host name: None

Users of database:

Internal (within agency): Research; technical; project

B. INSTITUTION/INFORMATION CENTRE

WORLD DATA CENTRE C2 FOR IONOSPHERE

2-1 Nukui-Kitamachi 4-chome, Koganci-shi, Tokyo, 184 Japan

Telex: 2832611 DEMPAJ Tel.: 0423-27-7478 Telefax: 0423-27-7606
Cable: DEMPA0 Kokubunji Tokyo

Contact Person: Kiyoshi Igarashi, Chief, Ionospheric Observation Section, Technical Information Division, Communications Research Laboratory, Ministry of Posts and Telecommunications

Principal function(s) of the institution/information centre: Data collection; international data exchange and services

Areas of specialization:

Basic space sciences: Aurora, polar; oceanography; ionosphere; radiowave propagation; solar radiation

Extent of collection from/to (Years): 1957/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

Data: Yes

Type/approximate number of data sets: Documents in a tabular form; analog forms (maps, charts, aerial photographs, satellite imagery)

2. GEOGRAPHICAL COVERAGE: Asia and Oceania

3. LANGUAGE(S): Chinese; English; Russian; Japanese

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research

External: Research institutes; educational organizations; government agencies and missions; other international organizations

5. CLASSES OF SERVICES PROVIDED:

Loans: To individuals; other agencies, external bodies

Services provided on request from external users: Compilation of reference lists

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: Asia and Oceanic

8. DATABASE(S): N/A

JORDAN

A. INSTITUTION/INFORMATION CENTRE

ROYAL JORDANIAN GEOGRAPHIC CENTER

Amman, P.O. Box 20214, Jordan

Telex: 22472 JO Telephone: 845188
Fax: 847694

Contact persons: Omar Malkawi, Faisal Al Zuraigat

Principal function(s) of the institution/information centre: Training, education, production of maps

Areas of specialization

Remote sensing: Remote sensing applications to agriculture; photo-interpretation techniques using computers; digital/analog image analysis; geodetic surveying techniques; image processing; land-use mapping

Cartography, geodesy and photogrammetry

Extent of collection from/to (years): N/A

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Documentation: Yes

Data: Yes

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): Arabic, English, French

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; research

External: Government agencies and missions; research institutes; students; educational organizations; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED: N/A

6. TRAINING PROGRAMMES: Yes (4-month programme on annual basis)

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Remote sensing, cartography, geodesy, photogrammetry

8. DATABASE(S): Yes

Form of database: Computerized

Type of database: Reference (data indexes)

Time span: 1990/present

Frequency of updating: Continuously

Subject scope: Project management; inventory; technology transfer; general administrating

Language(s) of database: Arabic, English

Availability of database: Within agency only

Users of database:

   Internal (within agency): Technical; project; management; research

KENYA

A. INSTITUTION/INFORMATION CENTRE

KENYA METEOROLOGICAL DEPARTMENT

P.O. Box 30259, Nairobi, Kenya

Telex: 22208 Telephone: 567870
Cable: WEATHER
Fax: 567888

Contact persons: E.A. Mukolwe, W.M. Chebukaka

Principal function(s) of the institution/information centre: Weather forecasting for various users, training and research

Areas of specialization

Remote sensing: Remote sensing applications to agriculture; agro-climatology; image processing; receiving stations

Satellite meteorology: Weather forecasting; receivers; meteorology; geostationary orbits; cloud cover pictures/images

Extent of collection from/to (years):

Remote sensing: 1991/present
Satellite meteorology: 1980/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 2500/6000

Documentation: Yes

Approximate number of documents: A few

Data: Meteorological data for several decades

Distribution Centre: Yes

Type of material distributed: Data and information; research reports; research records

Research: Yes

Research areas: Research in atmosphere science

2. GEOGRAPHICAL COVERAGE:

Remote sensing: Sub-regional (part of African region between Zimbabwe and Egypt)

Satellite meteorology: Worldwide (Africa, Europe, Asia, Indian Ocean, Atlantic)

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; technical; research

External: Government agencies and missions (planned); research institutes; students; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Information analysis; provision of data in computer readable form; SDI

Charges for services: Yes, on a case-to-case basis

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: N/A

8. DATABASE(S): Yes

Name of data base(s): HRPT Archived NOAA Images* (on CCT Magnetic Tapes); meteorological database

Form of database: Computerized; microfiche

Subject scope: Meteorology

Language of databases: English

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* under development

Title of any corresponding printed product: Drought monitoring bulletin, eastern and southern Africa

Type of database: Reference (data indexes); source (numeric and textual data)

Time span: Since 1920

Size of database:

Number of items added per year: A huge amount of meteorological data

Frequency of updating: Continuously

Availability of database: Within agency only

Users of databases:

Internal (within agency): Project; technical; research

External: Government agencies and missions; research institutes; students; educational organizations; other international organizations

KUWAIT

A. INSTITUTION/INFORMATION CENTRE

IBM-KUWAIT SCIENTIFIC CENTER

P.O. Box 4175 Safat, 13042 Safat, Kuwait

Telex: 22245 Telephone: 4817539
Cable: INBUSMACH

Contact person: Mr. Sherif Sami El-Dabi

Principal function(s) of the institution/information centre: Research

Areas of specialization

Remote sensing: Coastal zone colour monitoring; laser beams; image processing; remote sensing satellites; satellite imagery processing; land-use mapping

Extent of collection from/to (years): 1980/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

Data: Yes

Type/approximate number of data sets: 100

Research: Yes

2. GEOGRAPHICAL COVERAGE: Sub-regional; national

3. LANGUAGE(S): Arabic; English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED: N/A

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Joint research projects

Charges for services: None

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

8. DATABASE(S): N/A

B. INSTITUTION/INFORMATION CENTRE

KUWAIT INSTITUTE FOR SCIENTIFIC RESEARCH (KISR); NATIONAL SCIENTIFIC AND TECHNICAL INFORMATION CENTER (NSTIC)

Telex: KISR KT 22299 Telephone: 4818713, 4830654
Cable: SCIENCE KUWAIT

Contact person: Ferial Al-Freih, A. Al-Najar

Principal function(s) of the institution/information centre: Research

Areas of specialization

Basic space sciences: Solar radiation; space biology and medicine

Remote sensing: Cameras, multi-spectral, topographic; coastal processes; coastal zone colour monitoring; computer aided mapping; geological information systems; mapping; mineral exploration

Satellite communications: Attenuation of radio signals; broadcasting satellite service; communications networks and satellites; data communication; electronics

Satellite meteorology: Earth atmosphere; climate; photo-interpretation techniques using computers; digital data transmission; earth's climate

Extent of collection from/to (years):

Remote sensing:	1976/present
Satellite communications:	1985/present
Satellite meteorology:	1976/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 61,187/1,773

Documentation: Yes

Approximate number of documents: 1,156; in Arabic

Data: Yes

Type/approximate number of data sets: Maps/150

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Conference papers; special studies; booklets; articles on Kuwait

Indexing tools: UNPIS Thesaurus; API Thesaurus; CAB Thesaurus; Engineering Index Thesaurus

2. GEOGRAPHICAL COVERAGE: Sub-regional; national

3. LANGUAGE(S): Arabic, English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Research; project; technical; management; information units; administrative

   External: Research institutes; government agencies and missions; non-governmental organizations; educational organizations; industry; students

5. CLASSES OF SERVICES PROVIDED

   Loans: To individuals; other agencies; external bodies

   Services provided on request from external users: Searching external computer databases; compilation of reference lists; document delivery; selective dissemination of information

   Charges for services: None

6. TRAINING PROGRAMMES: User training on the use of library facilities and on-line catalog

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Geographic preference: Kuwait or GCC area only

8. DATABASE(S): Yes

   Name of data base(s): OCAT (books in English); SERS (periodicals); AGIF (Arabian Gulf); KRPR (KISR Reports); KIF (Kuwait Information File in English)

   In Arabic: ARAB (all Arabic items catalogued in KISR); AKIC, MKIC, NARAB, MARAB (Arabic items catalogued in Kuwait Information Center (KIC), MBF-KIC, non-KIC and MBF non-KIC, accordingly)

   Form of database: Computerized; microfiche printout (for periodicals); international databases with on-line link

   Type of database: Bibliographic

   Time span: Variable

   Size of database:

   Number of items added per year: 20,000

   Total number of items: 61,187 (books); 1,922 (KISR reports); 1,1773 (serials); 1,463 (Arabic materials)

   Frequency of updating: continuously

Subject scope: Various aspects of science and technology

Language of database(s): Arabic, English

Availability of database(s): Within agency only

Online access: N/A

Users of database:

Internal: Research; project; technical; management; information units; administrative

C. INSTITUTION/INFORMATION CENTRE

KUWAIT INSTITUTE FOR SCIENTIFIC RESEARCH, REMOTE SENSING GROUP

Remote Sensing Group, EES Division, P.O. Box 24885, Safat, Kuwait

Telex: 22299 KISR KT Telephone: 4816988
Cable: SCIENCE, KUWAIT
Fax: 4830 432

Contact person: N/A

Principal function(s) of the institution/information centre: Research, development and training

Areas of specialization: Remote sensing

Extent of collection from/to (years): N/A

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Documentation: Yes

Data: Yes

Indexing/Abstracting service: Yes

Distribution Centre: Yes

Research: Yes

2. GEOGRAPHICAL COVERAGE: N/A

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Management; project; technical; research
   External: Government agencies and missions; research institutes; industry

5. CLASSES OF SERVICES PROVIDED: N/A

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

8. DATABASE(S): N/A

LIBYA

A. INSTITUTION/INFORMATION CENTRE

LIBYAN CENTER FOR SCIENCE OF REMOTE SENSING AND SPACE

P.O. Box 397, Tripoli, Libya

Telex: 20685 Telephone: 607004-14
Cable: SECRETARIAT OF SCIENCTIFIC RESEARCH, P.O. BOX 397
Fax: 607002

Contact person: Hadi M. Cashut, Shrif M. Shrif, Abdulrahim A. Aboughufa

Principal function(s) of the institution/information centre: Research and services

Areas of specialization

Basic space sciences: Astronomy

Remote sensing: Land-use; desertification; earth resource survey; fisheries; coastal mapping; environmental monitoring

Extent of collection from/to (years): N/A

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 100/none

Documentation: Yes

Approximate number of documents: 20

Data: Yes

Type/approximate number of data sets: Maps/20

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): Arabic, English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; research; information units

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED: N/A

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Remote sensing, GIS, astronomy and aerospace

   Geographic preference: None

8. DATABASE(S): None

MALAYSIA

A. INSTITUTION/INFORMATION CENTRE

MALAYSIAN AGRICULTURAL RESEARCH AND DEVELOPMENT INSTITUTE (MARDI)

G.P.O. 12301, 50774 Kuala Lumpur, Malaysia

Telex: MA 37115 Telephone: 03-9486601/2
Cable: N/A

Contact person: Dr. Hj. Mohd Yusof Hashim; Dr. Ahmad Zamsam Mohammed; Dr. Aminuddin Yusoff; Muhamad Radzal Mispan

Principal function(s) of the institution/information centre: Agricultural research

Areas of specialization

Remote sensing: Applications to agriculture; crop forecasting and monitoring; digital/analog image analysis; image processing; land-use mapping; assessment of soil degradation; soil moisture determination; remote sensing and GIS integration for land resources inventory and planning.

Extent of collection from/to (years): 1979/present

1. TYPE OF SYSTEM/SERVICE: Intergraph-TIGRIS work station
2. GEOGRAPHICAL COVERAGE: National
3. LANGUAGE(S): English; Malay
4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Research projects; technical management
   External: Government agencies and missions; students

5. CLASSES OF SERVICES PROVIDED

   Loans: To individuals, other agencies

   Services provided on request from external users: N/A

6. TRAINING PROGRAMMES: N/A
7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Geographic preference: Institutions/countries having experience in the use of remote sensing technology in the tropical areas

8. DATABASE(S): N/A

B. INSTITUTION/INFORMATION CENTRE

MALAYSIAN CENTRE FOR REMOTE SENSING

13, Jalan Tun Ismail, 50480 Kuala Lumpur, Malaysia

Telex: 36830 Telephone: 603-2987280
Fax: 603-2987036

Contact person: Mr. Nik Nasruddin Mahmood

Principal function(s) of the institution/information centre: Application and research; training; data acquisition; geographic information system

Areas of specialization

Remote sensing: Satellite data; image processing; digital/analog image analysis; landuse mapping; thematic mapper; remote sensing-GIS integration

Extent of collection from/to (years): 1989/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Data: Yes

Indexing/Abstracting service: Yes

Indexing tools: UDC

Distribution Centre: Yes

Research: Yes

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English, Malay

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management; project; technical; research; information units

External: Government agencies and missions; research institutes; students; educational organizations; non-governmental organizations; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Provision of data in computer readable form; SDI

Charges for services: Yes (depends on nature of request)

6. TRAINING PROGRAMMES: Training in basic remote sensing and GIS techniques of 3 weeks duration each is provided 3 times annually; requires a basic degree to attend such a training; language of instruction is English and Malay; no scholarship/fellowship is provided

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Remote sensing and geographic information system technologies

8. DATABASE(S): To be established in 1992

MEXICO

A. INSTITUCION/CENTRO DE INFORMACION

DIRECCION GENERAL DE TELECOMUNICACIONES, INFORMATECA CENTRAL DE TELECOMUNICACIONES

Ave. Lázaro Cárdenas No. 567, Col. Narvarte, P.B. Ala Norte,
C.P. 03028 México D.F., México

Telex: 017-0953 Teléfono: 538-2579

Persona a contactar: Ing. Enrique Luengas Hubp

Función(es) principal(es) de la institución o del centro de información: Prestar servicios de información y documentación al sector especializado en telecomunicaciones

Esferas de especialización:

Communicaciones: Comunicaciones por satélite, antenas, adquisición de datos, estaciones terrestres, transmisión digital de datos, transmisión directa por televisión

Telecomunicaciones: Aspectos generales

Alcance de la información:

Communicaciones: 1972 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/periódicos: 7740/79 títulos

Documentación: N/D

Datos: N/D

Servicio de indizado/elaboración de resúmenes:

Tipo de material indizado/resumido: Base de datos bibliográficos, artículos de revista/referencias bibliográficas sin resumen

Fuentes utilizadas para el indizado: Dirección General de Telecomunicaciones - Tabla de Materias desarrollada en forma local

Centro de distribución: N/D

Investigación: N/D

2. ALCANCE GEOGRAFICO: Nacional, subregional, regional

3. IDIOMAS: Español, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal técnico, administración, investigadores, personal de proyectos

Externos: Estudiantes, institutos de investigación, organismos gubernamentales y misiones, organizaciones internacionales

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a organismos, a órganos externos

Servicios prestados a petición de usuarios externos: Compilación de listas de referencia, entrega de documentos

Cargos por servicios: Ninguno

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: Identificación de recursos bibliográficos, elaboración de catálogos colectivos e intercambio de información

Preferencia geográfica: Entidades ubicadas en la misma zona geográfica

8. BASE DE DATOS:

Nombre de la base de datos: Base de datos del CILAT

Modalidad de la base de datos: Computadorizada

Tipo de la base de datos: Bibliográfica

Tamaño de la base de datos:

Tiempo que abarca: 1977 a la fecha

Número total de fichas/materias agregadas por año: 7,000

Número total de fichas/materias: 47,743 (1987)

Frecuencia de actualización: Trimestral

Materias abarcadas: Comunicaciones por satélite; antenas, proceso electrónico de datos; telecomunicaciones rurale; microondas; computadoras digitales; televisión, teleinformática; transmisión de datos; dispositivos semiconductores

Idiomas de la base de datos: Español, Inglés

Acceso a la base de datos:

Acceso en linea: Sí
Acceso local: Departmento de Informática Interna de la Dirección General de Telecomunicaciones

Usuarios de la base de datos:

Internos: Personal técnico, administración, investigadores, personal de proyectos

Externos: Estudiantes, Institutos de investigación, organizaciones internacionales, organismos gubernamentales y misiones

B. INSTITUTION/INFORMATION CENTRE

GERENCIA DEL SERVICIO METEOROLOGICO NACIONAL DE LA COMISION DEL AGUA

Av. Observatorio 192, Col. Observatorio

Telex: 1777331 DGSM ME Telephone: 515-20-90
Fax: 271-08-78

Contact person: Ing. Alfonso M. Medina R.

Principal function(s) of the institution/information centre: Monitoring and information about meteorological and climatological phenomena

Areas of specialization

Basic space sciences: Earth's atmosphere; Earth's climate; evapotranspiration; weather; weather forecasting; weather satellites

Remote sensing: Remote sensing applications to agriculture; agro-climatology; climate; cloud cover pictures; images; Earth's atmosphere; digital cartography

Satellite communications: Digital data transmission; disasters prediction and monitoring

Satellite meteorology: Cloud cover pictures;images; geostationary satellites; hydrographic and bathymetric mapping; receiving stations; weather satellites

Extent of collection from/to (years):

Basic space sciences:	1960/present
Remote sensing:	1988/present
Satellite communications:	1991/present
Satellite meteorology:	1988/present

1. TYPE OF SYSTEM/SERVICE

Data: Yes

Type/approximate number of data sets: variable

Distribution Centre: Yes

Type of material distributed: Data

Research: Yes

Research areas: Meteorology; climatology

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): Spanish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management; project; technical; research; administrative; information units

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Compilation of reference lists; document delivery; SDI

Charges for services: None

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Weather forecasting; meteorological telecommunications; meteorological satellites; agro-meteorology

8. DATABASE(S): Yes

Name of data base (in Spanish): Banco Nacional de Datos Climatogicos y Meteorologicos

Type of database: Reference (data indexes)

Time span: Since 1960

Frequency of updating: Continuously

Language of database(s): Spanish

Availability of database(s): Within agency only

Users of database:

   Internal (within agency): Management; project; technical; research; administrative; information unit

   External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; other international organizations

C. INSTITUCION/CENTRO DE INFORMACION

PROGRAMA UNIVERSITARIO DE INVESTIGACION Y DESARROLLO ESPACIAL, UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO (PUIDE-UNAM)

Apartado Postal 70-372, México D.F., México

Telex: 177 4523 UNAMME		Teléfono, Fax: 548-24-97

Persona a contactar: Dr. Alfonso Serrano Pérez, Director

Función(es) principal(es) de la institución o del centro de información: Desarrollo de tecnología de satélites nacionales, experimentos en microgravedad, convenios en materia espacial, evaluación de impacto social de la era espacial, historia de las actividades espaciales en América Latina

Esferas de especialización:

Ciencias espaciales básicas: Física espacial, astronomía, física del plasma, cometología, rayos cósmicos, radiación solar

Teledetección: Levantamiento de mapas, recursos terrestres, medio ambiente, uso del suelo, radar, inventarios de recursos

Communicaciones: Legislación de la órbita geoestacionaria, aspectos sociales de satélites de comunicación y de las telecomunicaciones

Meteorología: Satélites meteorológicos, atmósfera de la Tierra

Otras: Technología satelitaria, experimentos en microgravedad, historia espacial en América Latina, tecnología astronómica, publicación de libros

Alcance de la información:

Ciencias espaciales básicas:	1962 a la fecha
Teledetección:	1975 a la fecha
Communicaciones:	1982 a la fecha
Meteorología:	1962 a la fecha
Otros:	1980 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: EL GIAE-UNAM tiene varias bibliotecas especializadas

Número aproximado de libros/periódicos: N/D

Documentación: Sí

Número aproximado de documentos: N/D

Datos: Sí

Tipo/número aproximado de los conjuntos de datos: Analógicos, digitales/--

Servicio de indizado/elaboración de resúmenes: N/D

Centro de distribución: N/D

Investigación: Sí

2. ALCANCE GEOGRAFICO: Nacional, subregional, regional y mundial

3. IDIOMAS: Español, Francés, Inglés, Ruso

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Investigadores, personal de proyectos, dependencias de información, personal técnico

Externos: Institutos de investigación, estudiantes, organizaciones educacionales

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a organismos, a órganos externos

Servicios prestados a petición de usuarios externos: Busqueda de bases de datos computadorizadas externas, compilacion de listas de referencia, entrega de documentos, distribución de información seleccionada

Cargos por servicios: Ninguno

6. PROGRAMAS DE CAPACITACION: Sí

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Preferencia geográfica: Ninguna

8. BASE DE DATOS: N/D

D. INSTITUTION/INFORMATION CENTRE

INSTITUTO DE GEOFISICA, UNIVERSIDAD NACIONAL AUTONOMA DE MEXICO

Ciudad Universitaria, Coyoacan Mexico D.F., 04510, Mexico

Telex: N/A Telephone: 5-48-1079; 5-48-1270
Fax: 5-50-2486

Contact person: Dr. Gerardo Suarez, Dra. Rosa Maria Prol, Dra. Silvia Bravo

Principal function(s) of the institution/information centre: Research and education

Areas of specialization

Basic space sciences: Astrophysics; comets; coronas; cosmic rays; ionosphere; plasmaphysics; geodynamics; tectonics
Remote sensing:
Satellite communications: Antennas; communications networks; prediction and monitoring of earthquakes and natural disasters; methods of numerical simulation

Extent of collection from/to (years):

Basic space sciences: 1956/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 110 sets of periodicals

Documentation: Yes

Approximate number of documents: 5,000

Data: Yes

Type/approximate number of data sets: Documents in a tabular form/10

Research: Yes

Research areas: Earth and space sciences

2. GEOGRAPHICAL COVERAGE:

Basic space sciences: Worldwide

Remote sensing: Regional

Satellite communication: Regional

3. LANGUAGE(S): English, Spanish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Technical; research; information units

   External: Government agencies and missions; research institutes; students; educational organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Document delivery; provision of data in computer readable form; SDI; data tables

Charges for services: Document delivery; provision of data in computer readable form; SDI; data tables

6. TRAINING PROGRAMMES: Yes

Postgraduate studies in space physics; semestral courses in Spanish; BcS Degree or equivalent and an admission test are required; also intersemestral courses of several weeks

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Space physics; solar physics; ionosphere physics; cosmic rays; solar-terrestrial relationships; earth sciences in general

   Geographic preference: None

8. DATABASE(S): Yes

Name of data base(s):

   In English: 1) Cosmic Ray NM-64 Neutron Monitor Data
   2) Solar Microwave Bursts Data

   In Spanish: 1) Datos de Rayos Cosmicos del Monitor de Neutrones NM-64
   2) Datos de Estallidos de Microndas Solares

Form of database: Tables

Type of database: Source (numeric)

Time span: 1990/present

Size of database:

   Number of items added per year: 1

Total number of items: 2

Frequency of updating: annual

Subject scope: Science

Language of database(s): English, Spanish

Availability of database(s): External

Users of database:

Internal (within agency): Project; technical; research

External: Government agencies and missions; research institutes; students; educational organizations

MONGOLIA

A. INSTITUTION/INFORMATION CENTRE

INFORMATICS CENTRE OF THE MONGOLIAN ACADEMY OF SCIENCES

Ulaan-Baatar Zhukovs aven-54B, Mongolia

Telex: 305 ERDEM MH Telephone:53660

Contact person: M. Ganzorig

Principal function(s) of the institution/information centre: Scientific research on the computer sciences, development of the theory of information

Areas of specialization

Remote sensing: Digital image analysis; earth resources; geology; image processing; geodynamics; interpretation

Extent of collection from/to (years): 1985/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 200/--

Documentation: Yes

Approximate number of documents: 2

Data: Yes

Type/approximate number of data sets: Map/50; photos/200; magnetic tapes/10

Distribution Centre: Yes

Type of material distributed: Documents, articles

Research: Yes

Research areas: Theory and methodology of processing of remote sensing data

2. GEOGRAPHICAL COVERAGE: Regional, sub-regional, national

3. LANGUAGE(S): English, Russian

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Management; project; research

   External: Government agencies and missions; research institutes; educational organizations; industry; other international organizations

5. CLASSES OF SERVICES PROVIDED

   Loans: To other agencies, to external bodies

   Services provided on request from external users: Information analysis; provision of data in computer readable form; SDI

   Charges for services: Yes (US$20)

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Processing of experimental and remotely sensed data, design of the geoinformation data base

8. DATABASE(S): Yes

   Name of data base(s): ERDDATA

   Form of database: Computerized; others

   Type of database: Reference (bibliographic and referral); numeric

   Time span: 1987/present

   Size of database:

   Number of items added per year: 3

   Total number of items: 15

   Frequency of updating: Monthly

   Language of database(s): English

   Availability of database(s): Within agency only

   On-line access:

   Host name: ERDDATA
   File Number: 5
   File Name: 3GOL, ERD, HOTOL, HENTII, UB
   Searching languages: English

   Users of database:

   Internal (within agency): Management; project; research

   External: Government agencies and missions; research institutes

MOROCCO

A. INSTITUTION/CENTRE D'INFORMATION

CNCPRST

52, Avenue Omar Ibn Khattab, B.P. 1346 RP Agdal, Rabat, Maroc

Téléphone: 742-15

Nom de la personne à contacter: Madame Cherkaoui

Principale(s) activités de l'institution ou du centre d'information: Recherche scientifique, coordination et planification de la recherche

Spécialités:

Sciences spatiales fondamentales: Astrophysique, atmosphère terrestre, astronomie optique, reconnaissance de formes, rayonnements, résolution spatiale

Telédétection: Applications de la télédétection en agriculture, acquisition de données, traitment des données et équipment, analyse numérique/analogique des images, traitment des images, télédétection optique

Période pendant laquelle des données ont été collectées: 1985 à nos jours

1. TYPE DE SYSTEME/SERVICE

Bibliothèque: Oui

Nombre approximatif d'ouvrages/revues spécialisées: 100/--

Documentation: Oui

Nombre approximatif de documents: 100

Donées: Oui

Type/nombre approximatif d'ensembles de données: 10/--

2. ZONE GEOGRAPHIQUE DESSERVIE: Pays

3. LANGUES: Anglais, français

4. UTILISATEURS CIBLES DE VOTRE SYSTEME/SERVICE

Internes (au sein de l'organisme): Chercheurs, administration

Externes: Instituts de recherche

5. LES SERVICES FOURNIS

   Prêts: A d'autres organismes

6. ACTIVITES DE FORMATION: Non

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

   Zone géographique: N/D

8. BASE DE DONNES: N/D

MYANMAR

A. INSTITUTION/INFORMATION CENTRE

DEPARTMENT OF METEOROLOGY AND HYDROLOGY,
MINISTRY OF TRANSPORT AND COMMUNICATIONS

Kaba-Aye P.O., Yangon, Myanmar

Telex: 21512 BURMET BM Tel.: 63390/60823 Cable: BAMETEORS

Contact person: U Ohn Maung, Director-General; U Htay Aung, Director

Principal function(s) of the institution/information centre: Meteorology; hydrology; aviation meteorology; agrometeorology; seismology

Areas of specialization

Satellite meteorology: Cloud cover; weather forecasting; aviation forecasts; TV broadcasting; surface temperatures; imagery processing

Extent of collection from/to (Years): 1979/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 14/20

Data: Yes

Indexing/Abstracting service: Yes

Type/approximate number of data sets: Satellite imagery (NOAA and GMS)/-

Indexing/Abstracting service: N/A

2. GEOGRAPHICAL COVERAGE: National (Source: NOAA and GMS)
3. LANGUAGE(S): English
4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED:

Internal (within agency): Technical; administrative; management; information units; research

External: Government agencies and missions

5. CLASSES OF SERVICES PROVIDED : N/A
6. TRAINING PROGRAMMES: None
7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: None
8. DATABASE(S): None

NEPAL

A. INSTITUTION/INFORMATION CENTRE

NATIONAL REMOTE SENSING CENTER

BABAR MAHAL, P.O. Box 3103, Kathmandu, Nepal

Telex: NP 2291 Telephone: 223546

Contact person: Krishana B. Malla

Principal function(s) of the institution/information centre: Data bank; provision of services to various users

Areas of specialization

Remote sensing: Imagery; CCTs; mapping; GIS applications; remote sensing applications
Satellite communications: Cloud imagery

Extent of collection from/to (years):

Remote sensing:	1980/present
Satellite meteorology:	1986/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 500/3

Documentation: Yes

Approximate number of documents: 100

Data: Yes

Type/approximate number of data sets: In analog forms, e.g. maps, charts, aerial photographs, satellite imagery/1,000

Indexing/Abstracting service: None

Distribution Centre: Maps; imagery; reports

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English, Nepali

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Technical; information units; projects; research; management

External: Government agencies and missions; research institutes; educational organizations; students; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED

Loans: None

Services provided on request from external users: Searching of external computer databases; information analysis; document delivery (newsletter); provision of data in computer readable form; selective dissemination of information; services provided on exchange basis

Charges for services: Various

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: Countries with mountainous environment

8. DATABASE(S): Yes

Name of data base(s): None

Form of database: Computerized; maps

Type of database: Numeric

Time span: 1985/present

Subject scope: Technology

Language of database(s): English

Availability of database(s): At the National Remote Sensing Centre

Users of database:

Internal (within the agency): Research; management; project; technical; information units; administrative

External: Government agencies and missions; educational organizations; research institutes; non-governmental organizations; international organizations

NETHERLANDS

A. INSTITUTION/INFORMATION CENTRE

INTERNATIONAL INSTITUTE FOR AEROSPACE SURVEY AND EARTH SCIENCES (ITC)

350 Boulevard 1945, P.O. Box 6, 7500 AA Enschede, The Netherlands

Telex: 44525 ITCNL
Telephone: (31) 53-874444
Cable: AERSUR ENSCHEDE
Fax: (31) 53-874400

Contact person: Prof. Dr. Ir. K.J. Beek, Rector; Dr. J.L. van Genderen; Head, Consulting and Research Projects; Dr. J.L.P. Blom, Public Relations

Principal function(s) of the institution/information centre: Training; education; research; consulting in aerospace surveys and earth sciences

Areas of specialization

Remote sensing: Education; image processing; pattern recognition; photography; computer-aided mapping; interpretation; surveying and mapping; advisory services; preparation of tender documents;
designing remote sensing laboratories, contract research

Others: Cartographic services; GIS applications; rural development surveys; resource surveys; urban surveys; hazard surveys, environmental management

Extent of collection from/to (years):

Remote sensing:	1951/present
Others:	1951/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 15,000/500

Documentation: Yes

Approximate number of documents: Country documentation files - 2,000 documents

Data: Yes

Type/approximate number of data sets: (a) Map/atlas library - 10,800 documents; (b) aerial photo-film files - approx. 160,000 photos/1,200 scenes of satellite imagery; (c) frames of satellite images on tapes - 700 tapes

Indexing/Abstracting service: ITC bibliography transferred to: Geo Abstracts, Regency House, 34 Duke Street, Norwich NR3 3AP, England (Tel: 0603/26327; Telex: 975249 CHACOM G)

Distribution Centre: Yes

Type(s) of material(s) distributed: ITC Journal (Quarterly) Circulation: 6,000

Research: Yes

2. GEOGRAPHICAL COVERAGE: Worldwide; regional; sub-regional; national

3. LANGUAGE(S): Arabic; Chinese; English; French; Spanish; Russian; Dutch; German; Bahassa Indonesian; Kiswahili; Portuguese

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Information units; research; management; project; technical

External: Government agencies and missions; research institutes; students; educational organizations; non-governmental organizations; mapping agencies; surveying services; industry

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; to other agencies; to external bodies

Services provided on request from external users: Searching of external computer databases; information analysis; provision of data in computer readable form; compilation of reference lists; document delivery; provision of advisory services

Charges for services: Yes, in most cases

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: Generally ITC has no preferences, conditions in respect of collaboration with other agencies

8. DATABASE(S): N.A.

B. INSTITUTION/INFORMATION CENTRE

SPACE RESEARCH ORGANIZATION OF THE NETHERLANDS (SRON)

Sorbonnelaan 2, 3584 CA Utrecht, The Netherlands

Telex: 64226 sron nl
Telephone: 030-535600
E-mail: gcornet a skon.ruu.nl
Fax: 030-540860

Contact person: G. Cornet

Principal function(s) of the institution/information centre: Space science and research, research and development

Areas of specialization

Basic space sciences: X-rays; IR and submm; microgravity;
Remote sensing: Geophysics; oceanography; atmospheric physics

Extent of collection from/to (years): N/A

1. TYPE OF SYSTEM/SERVICE: N/A
2. GEOGRAPHICAL COVERAGE: N/A
3. LANGUAGE(S): N/A
4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED: N/A
5. CLASSES OF SERVICES PROVIDED: N/A
6. TRAINING PROGRAMMES: None
7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: X-rays; IR and submm; microgravity; geophysics; oceanography; atmospheric physics

8. DATABASE(S): N/A

NEW ZEALAND

A. INSTITUTION/INFORMATION CENTRE

DEPARTMENT OF SCIENTIFIC AND INDUSTRIAL RESEARCH; INFORMATION TECHNOLOGY GROUP, DSIR PHYSICAL SCIENCES

P.O. Box 31 311, Lower Hutt, New Zealand

Telephone: 064-4-5666-919 Fax: 064-4-5690-067

Contact person: Ms. S.E. Belliss

Principal function(s) of the institution/information centre: Computer network maintenance; remote sensing; image processing; computer communications

Areas of specialization

Remote sensing: Geology; image processing; computers; digital cartography; sensors; orthoimage generation; radar; change detection
Satellite communications: Weather satellites; oceanography; cloud cover; coastal zone; sea surface temperature; tracking moving fields

Extent of collection from/to (years):

Remote sensing: 1971/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 34,000/10,000[**]

Documentation: Yes

Approximate number of documents: 20,000

Data: Yes (remote sensing data only)

Type/approximate number of data sets: satellite images/1000

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: All holdings/Most holdings

Indexing tools: Agency's own computer reference system

[**] DSIR Central Library is referred in this section.

Distribution Centre: Yes

Type of material distributed: Remote Sensing Newsletter

Research: Yes

2. GEOGRAPHICAL COVERAGE: Sub-regional; some Southwest Pacific and Antarctic coverage available

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research; project; technical; management; administrative; information units

External: Government agencies and missions; industry; non-governmental organizations; research institutes; educational organizations; students

5. CLASSES OF SERVICES PROVIDED

Loans: Loan of imagery for use in publications on a user-pays basis

Services provided on request from external users: Searching of external computer databases; compilation of reference lists; information analysis; document delivery; provision of data in computer readable form; selective dissemination of information; tape and image writing service provided on request

Charges for services: Approximately NZ $100/hr for personnel and equipment time; from NZ$25 upwards for photographic prints of satellite data, depending on size of coverage

On-line access:

PACNET: (5301) 46000000, Account name: SRGHDIT
ACSNET: SRGHDIT % GRV @ vuwcomp.nz
UUCP: {ubc-vision alberta}!calgary!vuwcomp!GRV!SRGHDIT

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: Collaboration is organized by the International Science Unit of DSIR Headquarters

8. DATABASE(S): No

NIGERIA

A. INSTITUTION/INFORMATION CENTRE

UNIVERSITY OF LAGOS, DEPARTMENT OF GEOGRAPHY, REMOTE SENSING LABORATORY

University of Lagos, Akoka, Lagos, Nigeria

Telex: 4210 UNILAGNG Telephone: 820-191
Cable: UNILAG

Contact person: Dr. Peter Olu Adeniyi

Principal function(s) of the institution/information centre: Dissemination of information through organizational conferences

Areas of specialization

Remote sensing: Image processing; land use mapping; pattern recognition; cartography; satellite image processing; thematic mapping

Extent of collection from/to (years): 1962/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Data: Yes

Type/approximate number of data sets: Documents in tabular form; in analog and digital forms

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: N/A

2. GEOGRAPHICAL COVERAGE: National; worldwide

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Students and instructors

External: Educational organizations; research institutes; government institutions

5. CLASSES OF SERVICES PROVIDED

Services provided on request from external users: Selective dissemination of information

Charges for services: None

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: None

8. DATABASE(S): N/A

NORWAY

A. INSTITUTION/INFORMATION CENTRE

NORWEGIAN METEOROLOGICAL INSTITUTE

P.O. Box 43, Blindern, 03 13 Oslo, Norway

Telex: 21564 Telephone: 2/963000
Fax: 2/963050

Contact person: Dr. A. Grammeltvedt

Principal function(s) of the institution/information centre: Meteorology

Areas of specialization

Satellite meteorology: Meteorology; data acquisition; cloud cover pictures; satellite imagery processing

Extent of collection from/to (years): 1960/present

1. TYPE OF SYSTEM/SERVICE

Data: Yes

Type/approximate number of data sets: Satellite imagery/more than 10,000

2. GEOGRAPHICAL COVERAGE: Regional (Europe); sub-regional (arctic area); national

3. LANGUAGE(S): N/A

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; research; operational

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental reorganizations; general public

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Value-added services

Charges for services: Yes - for value-added services to customers; No - for the general public

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Collaborate through the World Meteorological Organization

8. DATABASE(S): N/A

B. INSTITUTION/INFORMATION CENTRE

THE TECHNICAL UNIVERSITY LIBRARY OF NORWAY

Hoegskoleringen 1 N-7034 Trondheim, Norway

Telex: 55 186 NTHHB N Fax: 47-7-59-51-03
Telephone: 47-7-59-51-10 (admin.); 59-51-00 (loans); 59-51-20 (info. search)

Contact persons: Randi Gjersvik, Director of Libraries; Aud Lamvik, Head of Documentation Department (Information Service)

Principal function(s) of the institution/information centre: Library and information services to students and faculty of the university, to industry, research and educational institutions in Norway, and to the general public. The library is the central library in Norway in the fields of engineering, technology and architecture

Areas of specialization

Remote sensing: Coastal processes; coastal zone colour monitoring; computer aided mapping; digital cartography; Earth observation satellites; geodetic surveying techniques
Satellite communications: Antennas; attenuation of radio signals; communications networks; navigation satellite systems; navigation using space systems technology
Satellite meteorology: Polar aurora; climate; coastal processes; prediction and monitoring of disasters; numeric weather forecasting; weather forecasting
All aspects of science and technology

Extent of collection from/to (years): N/A

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 1 million/7900

Indexing/Abstracting service: Yes

Indexing tools: UDC, and own corresponding thesaurus in Norwegian

Distribution Centre: Yes

Type of material distributed: Copies of articles, loans of books, copies or microfiche of theses, patents, etc.

Research: Yes

Research areas: Information sciences

2. GEOGRAPHICAL COVERAGE:

Satellite communications: Worldwide

Remote sensing and satellite meteorology: Regional (polar region and North sea)

3. LANGUAGE(S): English, French, Russian, Norwegian, Scandinavians, German

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within university): Management; project; technical; research; administrative; students

External: Government agencies and missions; research institutes; educational organizations; industry; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; to other agencies; to external bodies

Services provided on request from external users: Searching of external computer databases (about 50 hosts); compilation of reference lists; information analysis; document delivery; SDI; others (users may make orders through an electronic mail system called "NTUB-mail")

Charges for services: Yes

On-line servies:	Database and telecommunication costs
SDI :	Same
Copies and microfiche:	Per page/microfiche

6. TRAINING PROGRAMMES: Yes

a) Training courses in library use and information retrieval for students and faculty at the university, approx. 15 hours, 4 courses/year;

b) Training seminars in information retrieval (on-line searching) for universities, libraries and industries, 1-3 days, several times a year;

c) Training in BIBSYS, the automated library system. 1/2 day every month, and 1-day course for industry several times a year;

d) ESA-IRS training seminars, basic and advanced, approx. 6-8 times a year, 1-2 days each.

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: The library has an extensive cooperation with libraries and information centres around the world, and also with library and information societies, but not especially in developing countries; being the national ESA-IRS centre, it cooperates with ESA-IRS, and gives Norwegian input to NASA database

8. DATABASE(S): Yes

Name of data base(s): BIBSYS

Form of database: Computerized; microfiche; and it is planned on CD-ROM

Type of database: Bibliographic

Time span: 1980/present

Size of database:

Number of items added per year: Total of all universities: irregular; The Technical University of Norway: 22500/year

Total number of items: 1,220,000, of which from Technical University of Norway: 277,000

Frequency of updating: Continuously

Subject scope: All subjects covered in the university and academic colleges' libraries in Norway (space and aerospace included)

Language of database(s): All languages, but most in Norwegian, English, Scandinavian languages, German and French

Availability of database(s): External

On-line access:

Host name: RUNIT
File name: BIBSYS

User aids available: BIBSYS Brukerhandbok (BIBSYS user manual); BIBSYS-NYTT (free newsletter)

Locations where database can be searched: In any library at the cooperative libraries, or by end users with own passwords; anyone may have passwords and access

Users of database:

Internal (within agency): Management; project; technical; research; administrative; students

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations

PAKISTAN

A. INSTITUTION/INFORMATION CENTRE

PAKISTAN SPACE & UPPER ATMOSPHERE RESEARCH COMMISSION (SUPARCO)

Gulzar-e-Hijri, Off University Road, P.O. Box 8402, Karachi-75270, Pakistan

Telex:	25720 SPACE PK
Cable:	SUPARCO, Karachi
Telephone:	(92-21) 474261 (4 lines); 470158; 471323
Fax:	(92-21) 466902

Contact person: Mr. M. Nasim Shah, Director, International Affairs; Dr. M. Ishaq Mirza; Dr. Abdul Majid

Principal function(s) of the institution/information centre:

National Space Agency responsible for promotion of peaceful uses and applications of outer space and for matters connected therewith

Areas of specialization

Basic space sciences: Study of Earth's atmosphere; sounding rocket experiments; air pollution monitoring; collection of meteorological data from unmanned Data Collection Platforms (DCPs); attenuation of radio signals; conduct of research in the areas of ionosphere and related radio wave propagation; geomagnetic studies; astronomy

Remote sensing: Remote sensing applications to natural resources and environmental surveying covering various earth science disciplines (i.e., agriculture, water resources, geology, coastal/nearshore studies, landuse/landcover, urban surveys, etc.) through both visual interpretation and digital processing/analysis techniques; acquisition/processing of data (Landsat MSS/TM, SPOT HRV XS/PAN, NOAA AVHRR) from remote sensing satellites and generation of various photographic and digital data products

Satellite communications: Communications satellite system design, evaluation, technical studies, data acquisition/interpretation, small ground terminals/receivers

Satellite meteorology: Application of APT images and other satellite data for various meteorological and related environmental studies; determination of vertical profiles of atmospheric parameter through satellite radiance for stratospheric research and its application to meteorology

Environmental Pollution Monitoring: Environmental pollution research

Extent of collection from/to (years):

Basic space sciences: 1962/present
Remote sensing: 1972/present
Satellite communication: 1983/present
Satellite meteorology: 1975/present
Environmental pollution monitoring: 1985/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 11,100/16,210, bound volumes of 285 periodicals

Documentation: yes

Approximate number of documents: 100

Data: Yes

Type/approximate number of data sets:

(a) Documents in tabular form/200;
(b) Analog forms/3000; and
(c) Digital forms/500

Indexing/Abstracting service: N/A

Indexing tools: DDC (Dewey Decimal Classification)

Distribution centre: Yes

Type of material distributed: Scientific articles/papers, data and information

Research: Yes

2. GEOGRAPHICAL COVERAGE: Regional, sub-regional, national

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research; project; technical; information units; management; administrative

External: Research institutes; government agencies and missions; educational organizations; students; non-governmental organizations; industry; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Compilation of reference lists; information analysis; document delivery; provision of data in computer readable form

Charge for services: Satellite remote sensing data (Landsat MSS/TM, SPOT XS/Pan and NOAA AVHRR) provided on the basis of standard prices of SUPARCO

6. TRAINING PROGRAMMES: Yes (Basic space science, remote sensing, satellite communications, satellite meteorology, environmental pollution monitoring)

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

    Specific areas of interest: Remote sensing applications for Earth resources surveying and environmental monitoring; remote sensing of atmosphere and application of environmental satellite data; Lidar observations of ozone, temperature and aerosols; ionospheric research

    Geographic preference: Developing countries in the ESCAP and ESCWA regions

PERU

A. INSTITUCION/CENTRO DE INFORMACION

COMISION NACIONAL DE INVESTIGACION Y DESARROLLO AEROESPACIAL - CONIDA

Luis Felipe Villarán - Cuadra 1069, San isidro, Lima, Perú

Teléfono: 419081
419152
Facsímil: 419081

Persona a contactar: Ing. Jorge R. Coloma de las Casas, Ing. Miguel A. Vidal

Función(es) principal(es) de la institución o del centro de información: Investigación y desarrollo

Esferas de especialización:

Ciencias espaciales básicas: Astronomia, astrofísica, ionósfera, radiación solar, propagación de ondas, holografía
Teledetección: Teledetección óptica, infrarroja y de microondas, fotointerpretación y fotogrametría, adquisición y procesamiento de datos, análisis digital de imágenes
Communicaciones: Estaciones terrestres, transmisión digital de datos, antenas, televisión, estaciones receptoras
Meteorología: Atmósfera de la Tierra, medio ambiente, sensores ópticos/infrarrojos/de radio/térmicos
Ingenieria aeroespacial: Sistemas de transporte espacial, satélites de navegación, teledetección y meteorológicos

Alcance de la información:

Ciencias espaciales básicas:	1974 a la fecha
Teledetección:	1974 a la fecha
Communicaciones:	1974 a la fecha
Meteorología:	1974 a la fecha
Ingenieria Aeroespacial:	1974 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/periódicos: 2,500/5,000

Documentación: Sí

Número aproximado de documentos: 2,000

Datos: Sí

Tipo/número aproximado de los conjuntos de datos: Analógicos/200

Servicio de indizado/elaboración de resúmenes: Sí

Tipo de material indizado/resumido: Artículos, revistas

Fuentes utilizadas para el indizado: CDU, THESAUROFACET, NASA THESAURUS

Centro de distribución: N/D

Investigación: N/D

2. ALCANCE GEOGRAFICO: Nacional, regional, mundial

3. IDIOMAS: Español, Francés, Inglés, Ruso, Alemán

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Investigadores, personal de proyectos, dependencia de información

Externos: Institutos de investigación, organizaciones internacionales, industria, organizaciones educacionales, organismos gubernamentales y misiones, estudiantes, organizaciones no-gubernamentales

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a organismos, a órganos externos

Servicios prestados a petición de usuarios externos: Compilación de listas de referencia, análisis de información, distribución seleccionada de información

Cargos por servicios: Depende del tipo de servicio

Información adicional: Teléfonos 419152

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Preferencia geográfica: Ninguna

8. BASE DE DATOS:

Nombre de la base de datos: MICRO-ISIS

Modalidad de la base de datos: Computadorizada

Tipo de la base de datos:

Referencia: bibliográfica, de referencia, indices de datos
Fuente: Numérica, textual

Tamaño de la base de datos:

Tiempo que abarca: 1989 a la fecha

Número total de fichas/materias agregadas por año: 500

Número total de fichas/materias: 8,500 (1989)

Frecuencia de actualización: Continua

Materias abarcadas: Teledetección, imágenes Landsat, satélites, fotogrametría, óptica, recursos naturales, procesamiento de imágenes, imágenes digitales

Idiomas de la base de datos: Español, Francés, Inglés

Acceso a la base de datos:

Acceso local: CONIDA, Perú

Usuarios de la base de datos:

Internos: Investigadores, personal de proyectos, dependencia de información

Externos: Institutos de investigación, organizaciones internacionales, industria, organizaciones educacionales, organismos gubernamentales y misiones, estudiantes, organizaciones no-gubernamentales

B. INSTITUCION/CENTRO DE INFORMACION

INSTITUTO GEOFISICO DEL PERU, CENTRO NACIONAL DE INFORMACION Y DOCUMENTACION EN GEOFISICA

Los Alamos 241, San Isidro, Lima, Perú

Teléfono: 408452 Facsímil: (51-14) 408452

Persona a contactar: Ing. Mateo Casaverde Rio, Dr. Marco A. Zevallos

Función(es) principal(es) de la institución o del centro de información: Investigación cientifica en geofísica - recopilación de datos, difusión de datos, difusión de información

Esferas de especialización:

Ciencias espaciales básicas: Ionsfera, atenuación de señales de radio, radiación electromagnética, radiación solar
Teledetección: Estaciones terrestres, fotointerpretación mediante computadoras, satélites de observación de la Tierra
Communicaciones: Antenas, satélites de comunicaciones
Meteorología: Agroclimatologia, análisis digital de imágenes
Otras: Pronstico y vigilancia de terremotos, ingerencia geológica

Alcance de la información:

Ciencias espaciales básicas:	1922 a la fecha
Teledetección:	1980-1985
Communicaciones:	1965 a la fecha
Meteorología:	1975 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/periódicos: Acdualmente en inventario

Documentación: Sí

Número aproximado de documentos: Actualmente en inventario

Datos: Sí

Tipo/número aproximado de los conjuntos de datos: Actualmente en inventario

Servicio de indizado/elaboración de resúmenes: En etapa de inventario y evaluación

Centro de distribución: En Etapa de reorganización

Investigación: En etapa de reorganización

2. ALCANCE GEOGRAFICO: Nacional, subregional, regional, mundial

3. IDIOMAS: Español, Francés, Inglés, Alemán, Japones

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal de proyectos, personal técnico, investigadores, administración, personal administrativo

Externos: Organismos gubernamentales y misiones, institutos de investigación, organismos internacionales

5. CLASES DE SERVICIOS PRESTADOS: Actualmente el Instituto Geofísico del Perú se encuentra en la etapa de diagnóstico de los servicios que el Centro Nacional de Información y Documentación en Geofísica debe prestar

6. PROGRAMAS DE CAPACITACION: Sí

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Preferencia geográfica: Ninguna

8. BASE DE DATOS:

Nombre de la base de datos: Por definir

Modalidad de la base de datos: Computadorizada, microfichas

Tipo de la base de datos:

Referencia: Bibliográfica, de referencia, indices de datos
Fuente: Numérica, textual

Tamaño de la base de datos: N/D

C. INSTITUCION/CENTRO DE INFORMACION

MINISTERIO DE AGRICULTURA, OFICINA SECTORIAL DE ESTADISTICA

Calle Cahuide 805, Lima 11, Perú

Teléfono: 71-01-83

Persona a contactar: Ing. Lino Velazco Pereyra, Ing. Francisco Sigueñas Robles

Función(es) principal(es) de la institución o del centro de informacion: Elaboración de los estadísticos agrícolas y pecuarios

Esferas de especialización:

Teledetección: Aplicaciones a la agricultura, determinación de biomasa y cultivos, cartografía cubierta de nubes

Alcance de la información: 1984 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/periódicos: 50/--

Documentación: Sí

Datos: Sí

Tipo/número aproximado de los conjuntos de datos: análogicos, digitales/50,000

Servicio de indizado/elaboración de resúmenes: N/D

Centro de distribución: N/D

Investigación: Sí

2. ALCANCE GEOGRAFICO: Nacional

3. IDIOMAS: Español

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal de proyectos, personal técnico, investigadores, administración, personal administrativo

Externos: Organismos gubernamentales y misiones, institutos de investigación, organizaciones internacionales

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: N/D

Servicios prestados a petición de usuarios externos: N/D

Cargos por servicios: Ninguno

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: N/D

Preferencia geográfica: E.E.U.U., Francia

8. BASE DE DATOS: N/D

D. INSTITUCION/CENTRO DE INFORMACION

OFICINA NACIONAL DE EVALUACION DE RECURSOS NATURALES - ONERN

Calle 17 No. 355, Urb. El Palomar - San Isidro, Lima, Perú

Teléfono: 41-04-25

Persona a contactar: Ing. César Calderón Saltarich

Función(es) principal(es) de la institución o del centro de información: Evaluación de los recursos naturales y medio ambiente, apoyo normativo al Instituto Naciona de Planificación, Capacitación y transferencia de tecnología en recursos naturales y medio ambiente

Esferas de especialización:

Teledetección: Aplicaciones a la agricultura, fotointerpretación mediante computadora, observación de la Tierra, procesamiento de imágenes, cartografía digital, uso del suelo, análisis de imágenes, estudio del medio ambiente, capacitación y educación en tecnología espacial, evaluación de recursos naturales y medio ambiente

Alcance de la información:

Teledetección: 1972 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/periódicos: 1500/--

Datos: Sí

Tipo/número aproximado de los conjuntos de datos: Analógicos, digitales/2000,60

Centro de distribución: Sí

Tipo de material distribuido: Informe de recursos naturales

Investigación: Sí

2. ALCANCE GEOGRAFICO: Nacional

3. IDIOMAS: N/D

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): personal de proyectos, personal técnico, investigadores, administración, personal administrativo

Externos: Organismos gubernamentales y misiones, institutos de investigación, organizaciones internacionales

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a organismos, a órganos externos

Servicios prestados a petición de usuarios externos: N/D

Cargos por servicios: Se cobra en algunos casos y el costo es variable de acuerdo al tipo de servicio

6. PROGRAMAS DE CAPACITACION: Sí; sistemas de información geográfica

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: Transferencia de tecnología y capacitacion

Preferencia geográfica: N/D

8. BASE DE DATOS:

Nombre de la base de datos: Sistema de Información Geográfica

Modalidad de la base de datos: Computadorizada

Tipo de la base de datos: Numérica

Tamaño de la base de datos: Variable; definida por el área de proyectos específicos

Materias abarcadas: Datos temáticos sobre recursos naturales (suelos, geología, forestales, etc.) y otros de apoyo como carreteras, centros poblados, límites, etc.

Idiomas de la base de datos: Español

Acceso a la base de datos:

Acceso en linea: Oficina Nacional de Evaluación de Recursos Naturales (ONERN)

Usuarios de la base de datos:

Internos: Personal de proyectos, personal técnico, investigadores, administración, personal administrativo
Externos: Organismos gubernamentales y misiones, institutos de investigación, organizacones internacionales

E. INSTITUCION/CENTRO DE INFORMACION

SERVICIO NACIONAL DE METEOROLOGIA E HIDROLOGIA - SENAMHI

Av. Republica de Chile - 295 Oficina 205 - Lima, Perú

Teléfono: (5114) 336340 Fax: (5114) 336340

Persona a contactar: Coronel FAP Alfonso Maguiña Lopez, Ing. Otto Ramos Bustos, Sr. Julio Canales Falcon

Función(es) principal(es) de la institución o del centro de información: Opera y mantiene la red nacional de obervación meteorológica, banco de datos, investigación en los diferentes campos de la hidrometeorología

Esferas de especialización:

Meteorología: Climatología; hidrologia; pronóstico del tiempo; oceanografía; agrometeorología; monitoreo de "El Niño"

Alcance de la información: 1970 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/periódicos: 100/50

Documentación: Sí

Número aproximado de documentos: 50

Datos: Sí

Tipo/número aproximado de los conjuntos de datos: cinta/100

Centro de distribución: Sí

Tipo de material distribuido: Pronóstico del tiempo y otros

Investigación: Sí (CLICOM)

2. ALCANCE GEOGRAFICO: Nacional, regional, mundial

3. IDIOMAS: N/D

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): N/D

Externos: Organismos gubernamentales y misiones; institutos de investigacion; organizaciones educacionales; organizaciones no-gubernamentales; industria; estudiantes

5. CLASES DE SERVICIOS PRESTADOS: N/D

Cargos por servicios: Ninguno

Titulos de los materiales impresos producidos por el sistema o servicio: Impacto agroclimático; pronostico del tiempo; monitoreo de "El Niño"; tendencias climáticas

6. PROGRAMAS DE CAPACITACION: Sí

Cursos, seminarios, talleres, trabajos prácticos de corta duración en el campo de meteorología, agrometeorología, hidrometeorología, informática e instrumental dirigido a personal profesional y mando medio en períodos no regulares

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: Meteorología; climatología; agrometeorología; hidrología; medio ambiente

Preferencia geográfica: UNESCO - Progrma Hidrológico Internacional; Organización Meteorológica Mundial; Programa de Cooperación Voluntaria; Universidades Ohio - U.S.A.; ERFEN - Estudio Regional del Fenómeno de El Niño; NOAA - Nacional Oceanografic Atmosphere Administración; INPE - Instituto Nacional de Pesquisas Espaciales

8. BASE DE DATOS:

Nombre de la base de datos: Climatología computarizada CLICOM

Modalidad de la base de datos: Cinta/y planillas

Tiempo que abarca: 22 años

Frecuencia de actualización: Diario, mensual, anual

Materias abarcadas: Climatología; pronóstico de cosechas; desertificación; hidrología; investigación en medio ambiente; meteorología

Idiomas de la base de datos: Español, Ingles

Titulo de cualquier producto impreso correspondiente: Anuario meteorológico; estudio de la hidrología en el Perú; manejo de cuencas; tonificación de climas; suelo - planta - atmósfera - agua; monitoreo de El Niño

Usuarios de la base de datos:

Internos: Administracion; investigadores; personal de proyectos; personal técnico; dependencia de información

Externos: Organismos gubernamentales y misiones; institutos de investigación; organizaciones educacionales; organizaciones no-gubernamentales; industria; estudiantes

PHILIPPINES

A. INSTITUTION/INFORMATION CENTRE

PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND ASTRONOMICAL SERVICES ADMINISTRATION (PAGASA)

ATB Building, 1424 Quezon Avenue, Quezon City, Philippines

Telex: 42021 PAGASAPM Telephone: 922-84-01
Cable: WX MANILA
Fax: 922-37-17

Contact person: Cipriano C. Ferraris, Deputy-Director

Principal function(s) of the institution/information centre: Meteorological and hydrological services

Areas of specialization: N/A

Extent of collection from/to (years): N/A

1. TYPE OF SYSTEM/SERVICE: N/A

2. GEOGRAPHICAL COVERAGE: N/A

3. LANGUAGE(S): N/A

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED/ N/A

5. CLASSES OF SERVICES PROVIDED: N/A

6. TRAINING PROGRAMMES: Yes

   Six to twelve months training programme on an annual basis; training is in English

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Meteorology and hydrology

   Geographic preference: Southeast Asia

8. DATABASE(S): N/A

POLAND

A. INSTITUTION/INFORMATION CENTRE

INSTITUTE OF GEODESY AND CARTOGRAPHY

ul. Jasna 2/4, 00-950 Warszawa, Poland

Telex: 817392 cogik pl Telephone:048-22-270328
Fax: 04822-27-03-28

Contact person: Prof. Dr. Adam Linsenbarth

Principal function(s) of the institution/information centre: Research, development and training

Areas of specialization:

Remote sensing: Geodesy; maps/GIS; interpretation; image processing; photogrammetry; thematic mapping

Extent of collection from/to (years): 1976/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 20/6

Documentation: Yes

Approximate number of documents: Several

Data: Yes

Type/approximate number of data sets: In tabular, digital and analog forms/several hundreds

Indexing/Abstracting service: Yes

Distribution Centre: Yes

Type of material distributed: Information review

Research: Yes

Research areas: Geodesy, cartography, remote sensing

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English, French, Russian, Polish, German

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Technical; research; information units

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; to other agencies; to external bodies

Services provided on request from external users: Searching of external computer databases; information analysis; provision of data in computer readable form

Charges for services: Yes

Titles of printed products produced by system/service Proceedings of the Institute of Geodesy and Cartography; Rocznik Astronomiczny; Informacja Bibliograficzna; Biuletyn Informacyjny

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Photogrammetry, cartography and remote sensing

Geographic preference: None

8. DATABASE(S): Yes

Name of data base(s): SINUS

Form of database: Computerized

Type of database: Numeric

Number of items added per year: 2

Language of database(s): Polish

Title of any corresponding printed product: Proceedings of the Institute of Geodesy and Cartography

Availability of database(s): Within agency only

Locations where database can be searched: Manually, within the Institute

Users of database:

Internal (within agency): Project; research; information unit

External: Government agencies and missions; research institutes; non-governmental organizations

QATAR

A. INSTITUTION/INFORMATION CENTRE

UNIVERSITY OF QATAR, REMOTE SENSING UNIT/SARC

P.O. Box 2713, Doha, Qatar

Telex: 4630 UNVSTY-DH Telephone: (0974) 874961
Cable: UNIVQATAR
Fax: (0974) 860680

Contact persons: Dr. Gabr Al-Noaimi, Director, SARC; Dr. I.A. El-Kassas, Head, RSU

Principal function(s) of the institution/information centre: Scientific and applied research

Areas of specialization

Remote sensing: Coastal processes; data processing; earth resources surveys; tectonics; desertification; geology
Satellite meteorology: Agro-climatology; climate; Earth's atmosphere; environmental studies; weather satellites

Extent of collection from/to (years):

Remote sensing: 1973/1990

Satellite meteorology: 1979/1990

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 500

Documentation: Yes

Approximate number of documents: 3 bibliographies

Data: Digital data from satellites and aerial photographs

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Bibliographies

Research: Digital image processing for bathymetry, geology and oceanography

2. GEOGRAPHICAL COVERAGE: Sub-regional (Arabian Gulf); national

3. LANGUAGE(S): Arabic; English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Research; project; technical; management; information units; administrative

   External: Research institutes; educational organizations; students; government agencies and missions; industry; non-governmental and international organizations

5. CLASSES OF SERVICES PROVIDED

   Loans: To individuals; other national agencies

   Services provided on request from external users: Compilation of reference lists; information analysis; document delivery; selective dissemination of information; searching of external computer databases

   Charges for services: None

6. TRAINING PROGRAMMES: Limited to users in the national agencies

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Geographic Information System (GIS), geologic mapping, environmental studies

   Geographic preference: The Arab countries of Cooperation Council for the Arab Gulf States (CCSGS); other Arab countries; United States; France; United Kingdom; international agencies

8. DATABASE(S): Under establishment

RUSSIAN FEDERATION

A. INSTITUTION/INFORMATION CENTRE

ALL-UNION INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION (VINITI)

125219 Moscow, Usievich Str., 20 A, Russian Federation

Telex: 411249 VINTI SU Telephone:152-54-88

Contact person: Potapov I.I., Shamayev V.G.

Principal function(s) of the institution/information centre: Information publications preparation both in traditional and computer readable format, on natural and technical sciences, economy, industries as well as some complex problems; research

Areas of specialization

Outer space research: Rockets and space technology; equipment and methods of space research; space technology; telecommunications in space research, extraterrestrial exploration; prospects of cosmonautics

Remote sensing/research of the Earth from space: Physical, geometric and geodynamic fundamentals of research of the Earth from space; methods and equipment of remote sensing; data processing; uses of remote sensing information in geology, geography, agriculture, forestry, water resources, hydrometeorology, environmental control

Extent of collection from/to (years): 1983/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 18,500/16,000

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Books, periodicals

Distribution centre: Yes

Type of material(s) distributed: Reference publications, reviews, data bases

Research: Yes

2. GEOGRAPHICAL COVERAGE: National, worldwide

3. LANGUAGE(S): Russian, English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): None

   External: Government agencies, research institutes, international organizations

5. CLASSES OF SERVICES PROVIDED

   Loans: N/A

   Services provided on request from external users: Searching of computer databases; document delivery

6. TRAINING PROGRAMMES: Training courses of various duration on information processing; uses of modern information technology; consultancy services

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Information provision for scientific research in the areas of exploration of outer space and research of the Earth from space

   Geographic preference: N/A

8. DATABASE(S): Yes

   Name of data base(s): Rockets and space technology; environmental protection and reproduction of natural resources; outer space research; research of the Earth from outer space

   Form of database: Computerized

   Type of database: Bibliographic description, keywords, documents abstracts

   Time span: Rockets and space technology - from 1982; environmental protection and reproduction of natural resources - from 1981; outer space research - from 1989; research of the Earth from outer space - from 1989

   Size of database:

   Number of items added per year: Rockets and space technology - 3,200/year; environmental protection and reproduction of natural resources - 11,600/year; outer space research - 8,400/year; research of the Earth from outer space - 3,600/year

   Total number of items: N/A

   Frequency of updating: Monthly

Subject scope:

Rockets and space technology: General aspects of space and rockets technology, aerodynamics and flight dynamics of rockets and space systems; strength; design and equipment of rockets and spacecraft; astronavigation and flight control; technology and materials; ground and flight tests of rockets and space vehicles; space biology and medicine; applications of space technology

Environmental protection and reproduction of natural resources: General aspects of environmental protection; theory and methodology of environmental studies and protection; international cooperation; pollution; pollution control; wasteless technology; protection of atmosphere, water resources, soil, flora and fauna; anthropogenic environmental changes impact on population health; disasters

Outer space research: Instrumentation and methods of outer space research, piloted and unpiloted movement of artificial space objects; space technology; safety and medical and biological problems of space flight; telecommunications as space research; extraterrestrial exploration and prospects of cosmonautics; space technology uses in astronomic and geophysical research

Research of the Earth from outer space: Goals and programmes; physical, geometric and geodynamic foundations of research of the Earth from outer space; remote sensing methods and instrumentation; data processing; remote sensing information uses in geology, geography, agriculture, forestry, water resources management, environmental research and control

Language of database(s):

Rockets and space technology: Russian
Environmental protection and reproduction of natural resources: Russian, English
Outer space research: Russian
Research of the Earth from outer space: Russian

On-line access: Yes

Cost: To be negotiated

Users of database:

Internal (within agency): N/A

External: Research and design institutes; educational organizations; industry; international organizations

B. INSTITUTION/INFORMATION CENTRE

HYDROMETEOROLOGICAL CENTRE

Moscow, Russian Federation

Contact person: A.A. Vasiliev

Principal function(s) of the institution/information centre: Forecasting, climate study, simulation, satellite meteorology and oceanography

Areas of specialization

Remote sensing: Remote sensing applications to agriculture, computer-aided mapping, satellite imagery processing, thematic mapping, satellite meteorology and oceanography, geostationary meteorological satellites, polar-orbiting satellites

Extent of collection from/to (years):

Satellite meteorology: Current satellite data

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 160,000/100

Data: Not collected

Indexing/Abstracting service: None

Research: Yes

2. GEOGRAPHICAL COVERAGE: National, worldwide

3. LANGUAGE(S): Russian, English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management, research, project, technical information units, administrative

External: Government agencies and missions, research institutes, non-governmental organizations, educational organizations, students, other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Provision of data in computer readable form, selective dissemination of information

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Forecasting and climate monitoring using remote sensing information

   Geographic preference: None

8. DATABASE(S): N/A

C. INSTITUTION/INFORMATION CENTRE

GLAVKOSMOS, MISSION CONTROL CENTRE, INFORMATION DEPARTMENT

Kaliningrad, Moscow region, the Mission Control Centre, Russian Federation

Telex: 411952 MCC SU Telephone: 516-54-01
Fax: 007-095-274-00-25

Contact persons: Mr. V. Lobachov, Mr. V. Udaloi, Mr. I. Egorov

Principal function(s) of the institution/information centre: Provide aerospace, technical information for research and development

Areas of specialization: Various aspects of basic and applied research in aeronautics, astronautics, space sciences, technology development and applications in complementary and supporting fields

Extent of collection from/to (years): 1961/present

1. TYPE OF SYSTEM/SERVICE

   Library: Mainly for internal use

   Data: Yes

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): Russian, English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): N/A

   External: Government agencies and missions; research institutions, non-governmental organizations; informational organizations

5. CLASSES OF SERVICES PROVIDED:

No services of this type offered routinely, however, several could be provided upon request on a case-to-case basis

Charges for services: Depends on the nature of the request

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: None

8. DATABASE(S): Yes

Name of data base(s): COSMINFO SERVICE

Form of database: Computerized

Type of database: Bibliographic; full text

Time span: 1961/present

Subject scope: All fields related to space activities

Language of database(s): Russian, English

Availability of database(s): Searches can be made upon request

Cost: Yes, to be determined individually

D. INSTITUTION/INFORMATION CENTRE

CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF GEODESY, AIR SURVEY AND CARTOGRAPHY, THE MOON AND THE PLANETS MAPPING LABORATORY, THE MAIN GEODESY AND CARTOGRAPHY ADMINISTRATION

125413, Moscow, Onezhskaya 26, Russia Federation

Telephone: 456 95 21

Contact person: Yuri Tjuflin

Principal function(s) of the institution/information centre: Processing of space surveying data and mapping of planets

Areas of specialization: Studies of planets, topographic and geodetic support of space experiments, preparation of maps for geological and morphological studies of planets, establishment of geodetic control for space surveying materials, etc.

Extent of collection from/to (years): 1974/present

1. TYPE OF SYSTEM/SERVICE: Map archives: photomaps of Venus' surface at 1:5,000,000 scale (27 photomaps), line maps of some regions of Mars (one map at 1:5,000,000 scale and four maps at 1:500,000 scale)

2. GEOGRAPHICAL COVERAGE: 115 million of sq. km. at Venus' surface from 30 to 90 North latitude

3. LANGUAGE(S): Russian

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Organizations that use materials on Venus mapping for scientific, educational and production purposes

5. CLASSES OF SERVICES PROVIDED

   According to requests of organizations and individual users; selective distribution of mapping materials

6. TRAINING PROGRAMMES:

   Advisory practices on mapping materials preparation and use; lectures at organizations concerned

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Exchange of materials, technologies, computer programmes

8. DATABASE(S): None

E. INSTITUTION/INFORMATION CENTRE

MOSCOW POWER ENGINEERING INSTITUTE, EXPERIMENTAL DESIGN BUREAU (OKB MEI)

111250, Moscow E-250, Krasnokazarmennaya st., 14, Russian Federation

Telephone: 362-56-52

Contact person: Pobedonostsev K.A.

Principal function(s) of the institution/information centre: Provision of data reception and processing from space apparatus in near-earth orbits and interplanetary paths; radioastronomy; development of radio-engineering apparatus

Areas of specialization: Development of radioapparatus for radiophysical, radioastronomical, radio-TV, radar and electron optics research in the interest of national economy

1. TYPE OF SYSTEM/SERVICE: N/A

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): Russian

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Research

   External: Research institutes; governmental agencies; Glavkosmos; educational organizations

5. CLASSES OF SERVICES PROVIDED: N/A

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: State Public Scientific and Technical Library

   Geographic preference: Commonwealth of Independent States (CIS), India

8. DATABASE(S): None

F. INSTITUTION/INFORMATION CENTRE

MOSCOW STATE UNIVERSITY, INSTITUTE OF NUCLEAR PHYSICS

Moscow 119899, Russian Federation

Telex: DUZA 112863 Telephone: 9391818

Contact person: Dr. M.I. Panasyuk

Principal function(s) of the institution/information centre: Teaching and research

Areas of specialization

Basic space sciences: Plasma physics; magnetosphere; ionosphere; materials science; space observation

Others: Instrumentation

Extent of collection from/to (years): 1958/present

1. TYPE OF SYSTEM/SERVICE: N/A

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): Russian, English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Research

   External: Research institutes; government agencies and missions; students; educational organizations

5. CLASSES OF SERVICES PROVIDED

   Loans: To individuals; other agencies

   Services provided on request from external users: Provision of data in computer readable form; selective dissemination of information

   Charges for services: Minimal charge for large data requests only

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Geographic preference: Commonwealth of Independent States (CIS), Europe, United States

8. DATABASE(S): N/A

G. INSTITUTION/INFORMATION CENTRE

V/O SOJUZKARTA

45, Volgogradsky pr., 109125, Moscow, Russian Federation

Telex: 411942 REN SU Telephone:1774050
Cable: ZARUBEZHGEODEZIJA, MOSCOW

Contact person: Viatcheslav A. Piskulin

Principal function(s) of the institution/information centre: Sale and distribution of remotely sensed data and derivated products; services and know-how of application of remote sensing data

Areas of specialization

Remote sensing: Remote sensing applications to agriculture, industry, infrastructure, construction, transport and others, topographic and thematic mapping, Earth resources surveys and studies, export of maps, atlases, globes and other cartographic products

Extent of collection from/to (years): 1978/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 6,000

Data: Yes

Type/approximate number of data sets: satellite images/78,000 frames

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Satellite remote sensing

2. GEOGRAPHICAL COVERAGE: Worldwide

3. LANGUAGE(S): Russian, English, French, German, Spanish, Portuguese, Arabic

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

External: Research; project and design; technical information units; administrative, government and private agencies and missions; industry; agriculture, natural resources; research institutes; remote sensing data application companies; educational organizations; commercial data distributors; international organizations

5. CLASSES OF SERVICES PROVIDED

Services provided on request from external users: Satellite images and derivated products delivery, training in remote sensing data applications, consultations and expert services

6. TRAINING PROGRAMMES

1-3 months workshops provided for staff and students from governmental and non-governmental organizations designed for resource managers and foreign professionals (in foreign languages); courses provide an introduction to remote sensing data application for natural resources and national economy

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Natural resources surveys and monitoring using remote sensing

Conditions of participation: Request may be made directly to SOJUZKARTA; full repay of project and data cost is required

8. DATABASE(S): Yes

Name of data base(s): KFA-1000, MK-4, KATE-200 - CIS space survey cameras

Form of database: Films and photoprints

Type of database: Data indexes (contains listing and index-maps of existing data and types of cameras)

Time span: Remote sensing data from 1978

Size of database:

Number of items added per year: 6,000 frames

Total number of items: 78,000 frames

Frequency of updating: Continuously

Subject scope: Remote sensing data, cartography, maps and atlases, earth sciences satellite data, space cameras data; data reproduction and distribution, technology and know-how transfer

Availability of database(s): External

H. INSTITUTION/INFORMATION CENTRE

STATE SCIENTIFIC RESEARCH AND PRODUCTION CENTRE " PRIRODA" OF THE MAIN GEODESY AND CARTOGRAPHY ADMINISTRATION (STATE CENTRE "PRIRODA")

117801 GSP-7 Moscow V-218, Krzhizhanovsky Str. 14, ap. 2, Russian Federation

Telephone: 273-25-17

Contact person: Juriy Potapov

Principal function(s) of the institution/information centre: Obtaining, processing, archiving and distributing of space data

Areas of specialization: Theoretical and experimental research on problems of studying the Earth resources and protecting the environment with the use of remote sensing data; execution of space surveys of the Earth in the interests of economy of the Russian Federation and international cooperation; development and perfection of facilities and methods of remote sensing as well as methods of processing and interpreting the obtained data; complex studying and mapping of the natural resources on the basis of space data

Extent of collection from/to (years): 1973/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: books - 45,000; periodicals 20,000

Data: Yes

Type/approximate number of data sets: 2,000,000

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Space images

Distribution centre: Yes

Type of materials distributed: Earth space remote sensing data (ESRSD)

Research: Yes

2. GEOGRAPHICAL COVERAGE: Territory of the CIS, territories of the other regions of the world

3. LANGUAGE(S): Russian

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Scientific, projecting, production organizations; ministries, departments of the Commonwealth of Independent States (CIS)

   External: Foreign organizations, firms, specialists

5. CLASSES OF SERVICES PROVIDED

   Loans: None

   Services provided on request from external users: Space surveys, computer programmes, consultations, lectures, training of specialists, delivery of instruments and materials

6. TRAINING PROGRAMMES: Programmes of 3-5 days workshops; programmes of training of foreign specialists which are held in the different terms of training on type of specialization; interdepartmental processing of space images, thematic mapping in the interests of studying the natural resources and protecting the environment

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Mapping study and inventory of the natural resources with the use of facilities and methods of remote sensing of the Earth

   Geographic preference: Any region of the world

8. DATABASE(S): Yes

   Name of data base(s): Bank of the ESRSD

   Form of database: Computerized

   Type of database: Automated data-searching complex (ADSC), contains the information of the ESRSD

   Time span: Space images from 1973

   Size of database:

   Number of items added per year: about 100,000 frames

   Total number of items: 2,000,000 frames

   Frequency of updating: By the plans of space surveys

Subject scope: Remote sensing of the Earth from space for studying the natural resources and protecting the environment

Language of database(s): Russian

Availability of database(s): For internal (national) and external users

On-line access: Through the State Centre

Users of database:

Internal: Organizations and specialists of the Commonwealth of Independent States (CIS)

External: Foreign organizations, firms, specialists

I. INSTITUTION/INFORMATION CENTRE

STATE RESEARCH CENTRE FOR NATURAL RESOURCES EXPLORATION

7, Bolshevistskaja str., Moscow, 123 376, Russian Federation

Telephone: 255-69-14/483-39-41
Cable: "Cosmos"

Contact person: Aksionov V.V., Volkov A.M.

Principal function(s) of the institution/information centre: Development of techniques and facilities to receive and process operational satellite data; collection, processing and delivery to users of operational Earth resources and oceanographic information, being acquired from satellites via radiochannels

Areas of specialization: Multidisciplinary processing of Earth remote sensing data; remote sensing for the purposes of all industries of state economy to solve problems, requiring digital satellite data processing

Extent of collection from/to (years):

Satellite survey information: From 1974 (microfilms); From 1982 (negatives)

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 4,220/11,500

Data: Yes

Type/approximate number of data sets: From 1985 satellite black and white images in the form of negatives - 40,435

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Satellite data catalogues, quarterly

Research: Yes

2. GEOGRAPHICAL COVERAGE: Territory of Commonwealth of Independent States and adjacent regions; global observations (of limited scale)

3. LANGUAGE(S): Russian

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research studies

External: Government and international projects and programmes; industrial, research and project organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To external organizations upon request

Services provided on request from external users: Searching of archived data, computer processing, registration and copying

Charges for services: Yes

6. TRAINING PROGRAMMES: For staff from computer centres and regional divisions of Committee for Hydrometeorology on regular basis; two to three day workshops for representatives of other organizations

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Natural resources exploration using remote sensing technologies; cooperation when solving research and application problems

Geographic preference: Global observations

8. DATABASE(S): Yes

Name of data base(s): Scientific-technical archive for remotely sensed data at state data foundation on natural environment conditions

Form of database: Library, photocarriers, microfiches, magnetic carriers

Type of database: Bibliographic

Time span: 1974/present

Size of database:

Number of items added per year: 10,000

Total number of items: 40,435

Frequency of updating: Continuously

Subject scope: Remote sensing research and development; remote sensing technologies; software; data processing techniques and technology; satellite data

Language of database(s): Russian

Availability of database(s): Upon written request

Users of database:

Internal (within agency): Research units; management; technical units

External: Management of Committee for Hydrometeorology, organizations of other ministries and agencies, international organizations

J. INSTITUTION/INFORMATION CENTRE

WORLD DATA CENTRE FOR SOLAR-TERRESTRIAL PHYSICS

Molodezhnaya, 3, Moscow, 117296, Russian Federation

Telex: 411478 SCC SU Telephone: 930-05-46

Contact person: Dr. Yu. S. Tyupkin

Principal function(s) of the institution/information centre: Data collection, international data exchange and service

Areas of specialization: Basic space sciences, geomagnetism, ionosphere, interplanetary media, solar activity

Extent of collection from/to (years): 1957/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

Data: Yes

Type/approximate number of data sets: Documents in a tabular form; analog forms (maps, charts, curves); machine-readable form (magnetic tapes)

2. GEOGRAPHICAL COVERAGE: Worldwide

3. LANGUAGE(S): English, Russian

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research, project

External: Research institutes; World Data Centres system; educational organizations; government agencies and missions; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; other agencies; external bodies

Services provided on request from external users: Selecting and copying requested information; compilation of reference lists

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes; specific areas of interest include international data exchange, development of information systems and data directories

8. DATABASE(S): Yes

Name of data base(s): N/A

Form of database: Computerized

Type of database: Factographic, inventory

Time span: 1957/present

Size of database:

Number of Mbytes/items added per year: 70/2,000

Total number of Mbytes/items: About 500/6,000

Frequency of updating: Monthly

Subject scope: Geomagnetism, ionosphere, solar activity, interplanetary media, middle atmosphere

Language of database(s): English, Russian

Availability of database(s): Within agency

Users of database:

Internal (within agency): Research

External: World Data Centres (geophysical and solar) system; research institutes; educators; industry; government agencies and missions

RWANDA

A. INSTITUTION/CENTRE D'INFORMATION

MINISTERE DES TRANSPORTS ET DES COMMUNICATIONS

B.P. 720, Kigali, Rwanda

Telex: (909) 22699 AVIAMET RW
Cable: DIRAVIAMET
Fax: (250) 72971
Telephone: (250) 75813
(250) 75459

Nom de la personne à contacter: Japhet-Clément Rugirangoga; Jean Baptiste Ngabonziza

Principale(s) activités de l'institution ou du centre d'information: Communications publiques et la prévision du temps

Spécialités:

Communications par Satellite: Réseaux de communication, acquisition de données, communication de données, traitement des données et equipement, stations terriennes

Période pendant laquelle des données ont été collectées: N/D

1. TYPE DE SYSTEME/SERVICE: N/D

2. ZONE GEOGRAPHIQUE DESSERVIE: Pays, région

Communications: Indian Ocean Region (IOR), Atlantic Océan Région (AOR)

3. LANGUES: Français

Internes (au sein de l'organisme): Techniciens, administration, services d'information

Externes: Télécommunications publiques

4. UTILISATEURS CIBLES DE VOTRE SYSTEME/SERVICE

Internes (au sein de l'organisme): Techniciens, administration, services d'information

Externes: Télécommunications publiques

5. LES SERVICES FOURNIS

Prêts: A des particuliers, à d'autres organismes, à des organismes extérieurs

Services fournis à la demande d'utilisateurs externes: Communications publiques, bulletins de presse

Vos services ont-ils payants? Oui, pour communications par satellites; non, pour météorologie par satellites

Tarifs approximatifs: Conforme aux recommandations CCITT

6. ACTIVITES DE FORMATION: Non

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

Zone géographique: Pas de préference

8. BASE DE DONNES:

Forme de la base de données: Images IR, VIS

Importance de la base de données:

Periode: Les images de la couverture nuagause de trois derniers années

Nombre d'articles introduits par an: Trois images par jour et 1,155 images par an

Fréquence de la mise à jour: Une prévision par jour

Thèmes traites: Prévision du temps

Langue(s): Français

Accès à la base de données: Réservé à l'organisme

Possibilité de consulter la base de données: Consultation au centre métérologique de Kigali

Utilisateurs de la base de données

Internes: Services d'information

SAUDI ARABIA

A. INSTITUTION/INFORMATION CENTRE

KING ABDULAZIZ CITY FOR SCIENCE AND TECHNOLOGY (KACST)

P.O. Box #6086, Riyadh 11442, Saudi Arabia

Telex: 401590, 404015, 404017/SCITECH SJ
Telephone: (966-1) 4883444, 4883555, 4883467
E-Mail: AAISO8 @ SAKACS00.BITNET

Contact person: H.E. Dr. Saleh Al-Athel, President; Dr. Abdullah Al-Kadhi, Vice-President for Scientific Research; Dr. Mohammad I. Al-Suwaiyel, Vice-President for Research Institutes; Dr. Ibrahim Al-Ghunaim, Director, Space Technology Division; Mr. Mohammad Al-Tasan, Director-General, Information Systems

Principal function(s) of the institution/information centre: Research

Areas of specialization

Basic space sciences: Geological Inforamtion System; geodynamics; land-use mapping; hydrology; mineral exploration; vegetation monitoring
Remote sensing: Agriculture applications; crop surveys; fisheries applications; land observations; mapping; remote sensing satellites
Satellite meteorology: Meteorological satellites; meteorology; photogrammetry; satellite imagery processing; space observations

Extent of collection from/to (years):

Basic space sciences:	1981/present
Remote sensing:	1983/present
Satellite meteorology:	1983/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 12,000 + microfiche

Data: Yes

Type/approximate number of data sets: High density tapes (HDT)

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Journal articles, technical reports, etc.

Distribution Centre: Yes

Research: Yes

2. GEOGRAPHICAL COVERAGE: National, Sub-Regional (Arab Gulf), Regional (Middle East)

3. LANGUAGE(S): Arabic, English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Researchers, technical and project, management personnel

   External: Government agencies and missions, research institutes, educational organizations, industry

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals, government agencies and research institutions

Services provided on request from external users: Search of international computer databases, compilation of bibliographies, information analysis, document delivery, provision of data in computer readable form

Charges for services: None

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: Arab Gulf countries, Middle East, Asia and Africa

8. DATABASE(S): Yes

Name of data base(s): National S and T Bibliographic database (English), National S and T Bibliographic database (Arabic), S and T Terminology Data Bank, Union List of Periodicals, Current Awareness, Manpower

Form of database: Computerized

Type of database: Bibliographic, referral

Time span: About 11 years

Size of database:

   Number of items added per year: 485,000 records

   Total number of items: 3,500 to 4,000 documents

   Frequency of updating: Weekly

Subject scope: Space sciences, remote sensing, satellite meteorology, nuclear sciences and engineering, information sciences, computer sciences, management, library sciences, chemistry, bio-technology, environment, outer space, solar energy, etc.

Language of database(s): Arabic, English

Availability of database(s): Within agency and externally

Location where database can be searched: On-line via KACSTNET, GULFNET

On-line access: DIALOG, BRS, ORBIT, INKA, AEROSPACE, ESA/IRS, EDVENT, NEWSNET, NEXIS/LEXIS

Searching Language(s): English, Arabic

Cost: Free of charge in Saudi Arabia

User aids available: User manuals, newsletters

Host name: GULFNET/KACSTNET

Users of database:

Internal: Researchers, technical and project personnel

External: Government agencies and missions, research institutions, educational organizations, non-governmental organizations, industry

B. INSTITUTION/INFORMATION CENTRE

METEOROLOGY AND ENVIRONMENTAL PROTECTION ADMINISTRATION

P.O. Box 1358, Jeddah, Saudi Arabia

Telex: 401236 ARSAD Telephone: 6512312

Contact person: Dr. Degaither; Dr. Tawfiq

Principal function(s) of the institution/information centre: National meteorological and environmental centre

Areas of specialization

Remote sensing: Arid zone landforms; biomass estimation; desertification; environmental research and monitoring; forestry; image processing

Satellite communications: Broadcasting satellite service; communication networks and satellites; navigation
Satellite meteorology: Cloud cover imagery; meteorological satellites; weather

Extent of collection from/to (years):

Remote sensing:	N/A
Satellite communications:	Real time communications
Satellite meteorology:	Real time (no archives)

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 70/5

Data: Yes

Type/approximate number of data sets: Hard copy satellite imagery/real time METEOSAT data; digital and analog storage planned in future

Indexing/Abstracting service: Yes

2. GEOGRAPHICAL COVERAGE: Regional (Meteosat Full Disk Imagery); sub-regional/national (polar orbiting data from paths over East Africa, Middle East, Arabian Peninsula and adjacent eastern countries)

3. LANGUAGE(S): Arabic; English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Technical; research

External: Governmental agencies and missions; international organizations; research institutes; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Services were tailored to fit individual requests, mainly through provision of expert advice/assistance in the interpretation of satellite imagery

Charges for services: None, but each case is considered on its merit

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: Prefer Gulf Cooperative Council Countries, countries in the Arab League, and countries with similar environmental problems as Saudi Arabia as well as international organizations, e.g. World Meteorological Organization, ECMWF, etc. (Details are available from the Meteorology and Environmental Protection Administration)

8. DATABASE(S): Systems are being studied currently; Geographical Information System (GIS) is being established

C. INSTITUTION/INFORMATION CENTRE

SAUDI CENTER FOR REMOTE SENSING

King Abdulaziz City for Science and Technology (KACST),
Saudi Arabia

Telex: 404017 SCITEC SJ Telephone: (966-1) 481-1141
Cable: MAWSOAH Fax: (966-1) 4883756

Contact person: Dr. Ibrahim Al-Ghunaim, Director

Principal function(s) of the institution/information centre: Remote sensing, data receiving, data processing, image processing, data distribution and training

Areas of specialization

Remote sensing: Landsat TM and MSS data, Spot data, NOAA AVHRR data, image processing

Satellite meteorology

Extent of collection from/to (years): 1986/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 1000/

Documentation: Yes

Approximate number of documents: 400

Data: Yes (in digital forms)

Distribution Centre: Yes

Type of material distributed: Data

Research: Yes

Research areas: Remote sensing

2. GEOGRAPHICAL COVERAGE: Regional

3. LANGUAGE(S): Arabic, English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; technical; research

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Searching of external computer databases; information analysis; document delivery; provision of data in computer readable form; SDI

Charges for services: Yes

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Remote sensing

8. DATABASE(S): Yes

Form of database: Computerized; microfiche; HDT; CCT's

Type of database: Numeric

Time span: 1987/present

Frequency of updating: Yearly

Language of database(s): English

Users of database:

Internal (within agency): Project; technical; research

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; other international organizations

SEYCHELLES

A. INSTITUTION/INFORMATION CENTRE

CENTRE FOR INDUSTRIAL, SCIENTIFIC AND TECHNOLOGICAL INFORMATION AND DOCUMENTATION (CISTID)

Technological Support Services Division, Department of Industry
P.O. Box 648, Victoria, Seychelles

Telex:	2422 DEPIND SZ	Telephone:	(248) 76631
Fax:	(248) 76151		

Contact person: Terence Coopoosamy

Principal function(s) of the institution/information centre: To provide scientific and technological information to all users in the country

Areas of specialization: Storage and retrieval of scientific and technical information

Extent of collection from/to (years): N/A

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 3,000/70
Books-1,000; reports-2,000

Documentation: Yes

Approximate number of documents: 20,000

Data: Yes

Type/approximate number of data sets: In tabular and analog forms

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: SciTech documents

Indexing tools: DDC; ISIC

Distribution Centre: Yes

Type of material distributed: Documents, articles, data and information

Research: Yes

Research areas: N/A

2. GEOGRAPHICAL COVERAGE: N/A

3. LANGUAGE(S): English, French

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management; project; technical; research; information untis; administrative

External: Government agencies and missions; research institutes; industry; non-governmental organizations; students; educational organizations; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals, to other agencies, to external bodies

Services provided on request from external users: Searching of external computer databases; compilation of reference lists; information analysis; document delivery; provision of data in computer readable form; SDI; assistance to set up computerized bibliographic database using CDS/ISIS

Charges for services: Yes, photocopy US$ 0.20 per page

Titles of printed products produced by system/service: CISTID News

6. TRAINING PROGRAMMES: Yes

Ad hoc training for staff of CISTID

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: All fields of science and technology, especially tropical agriculture, fisheries, forestry, water resources, tourism, engineering, small industries and petroleum exploration

Geographic preference: None

8. DATABASE(S): Yes

Name of data base(s): Performance of manfucturing enterprises

Form of database: Computerized

Type of database: Numeric

Time span: 1985-present

Size of database:

Number of items added per year: N/A

Total number of items: Data on 40 enterprises and their products

Frequency of updating: Monthly

Subject scope: Manfuctured products, employment

Language of database(s): English

Availability of database(s): Within agency only

On-line access: N/A

Users of database:

Internal (within agency): Management; project; technical; research; information unit; administrative

External: Government agencies and missions; industry; National Economic Council

SINGAPORE

A. INSTITUTION/INFORMATION CENTRE

NATIONAL UNIVERSITY OF SINGAPORE, LIBRARY

10 Kent Ridge Crescent, Singapore 0511
Republic of Singapore

Telex:	RS 33943 UNISPO	Telephone:	772-6239/772-2069
Cable:	UNIVSPORE	Fax:	777-3571

Principal function(s) of the institution/information centre: To support the teaching, research and service missions of the University by providing the faculty, students and staff access to knowledge through the acquisitions, organization, preservation and dissemination of information

1. TYPE OF SYSTEM/SERVICE

   Library: Yes

2. GEOGRAPHICAL COVERAGE: N/A
3. LANGUAGE(S): English
4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED: N/A
5. CLASSES OF SERVICES PROVIDED

   Loans: Yes

   Services provided on request from external users: Searching of external computer databases; compilation of reference lists; document delivery

   Charges for services: Yes

6. TRAINING PROGRAMMES: None
7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes
8. DATABASE(S): Yes

   Name of data base(s): PERIND (Index to periodical articles relating to Singapore, Malaysia, Brunei and ASEAN)

   Form of database: Computerized

   Type of database: Bibliographic

   Time span: 1980/present

Size of database:

Number of items added per year: 2,500

Total number of items: over 38,700

Frequency of updating: Daily

Subject scope: Regional (Singapore, Malaysia, Brunei and ASEAN); humanities; social sciences; business; management; law; medicine)

Language of database(s): English

Title of any corresponding printed product: Part of the database is published as: PERIND (Previous title: Index to periodical articles relating to Singapore, Malaysia, Brunei, ASEAN: humanities and social sciences)

Availability of database: Within agency only

Locations where database can be searched: On-line, only at the library

B. INSTITUTION/INFORMATION CENTRE

SINGAPORE SCIENCE CENTRE

Science Centre Road, Singapore 2260, Singapore

Telex: SCNTRE RS 50725 Tel.: 5603316
Fax: 5659533

Contact Person: Dr. K.K. Cheong

Principal function(s) of the institution/information centre:
Non-formal educational institution

Areas of specialization: N/A

1. TYPE OF SYSTEM/SERVICE: N/A
2. GEOGRAPHICAL COVERAGE: N/A
3. LANGUAGE(S): English
4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED: N/A
5. CLASSES OF SERVICES PROVIDED: N/A
6. TRAINING PROGRAMMES: None
7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: N/A
8. DATABASE(S): N/A

SOUTH AFRICA

A. INSTITUTION/INFORMATION CENTRE

SATELLITE APPLICATION CENTRE, MIKOMTEK/CSIR

P.O. Box 395, Pretoria 0001, Republic of South Africa

Telex: 3-21005 SAC SA
Cable: NAVDRS PRETORIA
Telephone: 27-116424693
Fax: 27 11 642-2446

Contact persons: W.J. Botha; I. Marais; A.J. Caithness; T.P. Boyle

Principal function(s) of the institution/information centre: Receive, process and archive satellite digital and analog data. Provide launch support and T.T. and C.

Areas of specialization

Remote sensing: Data acquisition; data processing; land use monitoring; vegetation monitoring; image processing; surface temperatures

Satellite meteorology: Data acquisition; data processing; surface temperatures; cloud cover; geostationary satellites

Space mapping: Digital Terrain Models, geocoded data

Support for CNES: Satellite launches and telemetry, tracking and command (TT&C)

Extent of collection from/to (years):

Remote sensing: 1980/present
Satellite meteorology: 1978/present

1. TYPE OF SYSTEM/SERVICE

Library: None

Data: Yes

Type/approximate number of data sets: Documents in a tabular form/88,000; analog forms/2,300; digital forms/88,2000; Quick look analog = 43,000

Indexing/Abstracting service: Yes

Distribution Centre: Yes

Type of material distributed: Catalogs, brochures, newsletter

Research: Yes

2. GEOGRAPHICAL COVERAGE:

Remote sensing: Sub-regional (Southern Africa)
Satellite meteorology: Regional (Africa)

3. LANGUAGE(S): English; Afrikaans; French

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Information units; project; technical; research; management; administrative

   External: Geological community/mining houses; industry; government agencies and missions; international organizations; research institutes; students

5. CLASSES OF SERVICES PROVIDED

   Loans: N/A

   Services provided on request from external users: Provision of data in computer readable forms; provision of satellite analog data; interactive computer image analysis; launch support, T.T.&C.

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: yes

   Geographic preference: None. Collaboration with any other agency concerned with peaceful uses of environmental and meteorological satellite data

8. DATABASE(S): Yes

   Name of data base(s): SAC database

   Form of database: Computerized; 35 mm slides; master transparencies (25mm x 25mm)

   Type of database:

   Reference: Data indexes
   Source: Factual

   Time span: 1972/present

   Size of database:

   Number of items added per year: 8,000

   Total number of items: 88,000

   Frequency of updating: Continuously

   Subject scope: Satellite imagery available over Southern African area

   Language of database(s): English

Location where database can be searched: By any institution with access to a digital packet switching network

Availability of database(s): External

On-line access: The South African Post Office Network (SAPONET) can be accessed with 6550. There is a prefix to this number for each country. Once access has been obtained, the number used to connect into the local Council for Scientific and Industrial Research Network (CSIRNET) is 10601702.

Cost: Free of charge

Users of database:

Internal (within agency): Information units; project; technical; research; management; administrative

External: Geological community/mining houses; industry; government agencies and missions; international organizations; research institutes

SRI LANKA

A. INSTITUTION/INFORMATION CENTRE

CENTRE FOR REMOTE SENSING, SURVEY DEPARTMENT

P.O. Box 506, Kirula Road, Colombo 5, Sri Lanka

Telex: 21928DIRRIG-CE Tel.: 587988
Cable: SURVEY-SRI LANKA

Contact Person: Elmore Perera; B.J.P Mendis; S.M.W. Fernando

Principal function(s) of the institution/information centre: Applications, applied research, training and cooperative projects in various fields of environmental management

Areas of specialization:

Remote sensing: Surveying; photogrammetry; mapping activities; land-use mapping; satellite imagery processing; data acquisition

Extent of collection from/to (Years): 1956/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 450/5

Documentation: Yes

Approximate number of documents: 2,000,000

Data: In a tabular form; analog forms, e.g. maps, charts, aerial photographs, etc.; digital forms., e.g. magnetic media

Type/approximate number of data sets: Records

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English; Sinhalese; Tamil

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; technical; research; information units; management; administrative

External: Government agencies and missions; research institutes; educational organizations; students; industry

5. CLASSES OF SERVICES PROVIDED:

Loans: N/A

Services provided on request from external users: Selective dissemination of information; supplying of all types of data on mapping, surveying, cadastre; remote sensing technology, etc.

Charge for services: Approximately US $4

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: Varies with agency/project

8. DATABASE(S): Yes

Name of database: Aerial photography and satellite imagery

Form of database: Photography

Type of database:

Reference: Data indexes

Source: Textual

Time span: 1956/present

Size of database:

Number of items added per year: Variable, depends on cloud cover

Frequency of updating (continuously, monthly, etc.): Satellite imagery - every 3 months; photography - approximately every 2-3 years

Subject scope: Topographical and thematic mapping; monitoring (dam movements; land use changes, etc.); technology transfer; training

Language(s) of database(s): N/A

Availability of database(s): Within agency only

Users of database:

Internal (within agency): Project; technical; research; information units; management; administrative

External: Government agencies and missions; research institutes; educational organizations; students; industry; non-governmental organizations

B. INSTITUTION/INFORMATION CENTRE

DEPARTMENT OF METEOROLOGY

Bauddhaloka Mawatha, Colombo 7, Sri Lanka

Tel.: 694846 Fax: 691443

Contact Person: N.A. Amaradasa; P.M. Jayatilaka Banda

Principal function(s) of the institution/information centre: National Weather Service

Areas of specialization:

Satellite meteorology: Cloud cover imagery; meteorology; disaster monitoring; weather forecasting

Extent of collection from/to (Years): 1972/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

Data: Yes

Approximate number of data sets: Satellite imagery/200

Research: Yes

2. GEOGRAPHICAL COVERAGE: Sub-regional (15S-25N/60E-100E

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Technical; research; information units;

External: N/A

5. CLASSES OF SERVICES PROVIDED: N/A

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Satellite meteorology, remote sensing

Geographic preference: None

8. DATABASE(S): N/A

C. INSTITUTION/INFORMATION CENTRE

ARTHUR C. CLARKE CENTRE FOR MODERN TECHNOLOGIES

Katubedda, Moratuwa, Sri Lanka

Telex: 22583 ACC CE Cable: ACCENT MORATUWA
Telephone: (94-1) 446546, (94-1) 507461, (94-1) 507462 Fax: (94-1) 507462

Contact person: Prof. K K Y W Perera

Principal function(s) of the institution/information centre: Acceleration of the process of introduction and development of modern technologies in communications, computers, space technologies, energy and robotics

Areas of specialization

Electronics and computer engineering: Micro electronics, designs of micro processor, hardware, data acquisition systems, telecommunications

Space Technology: Remote sensing, image processing, satellite communications

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: books: 1600; periodicals subs. - 60 titles

Documentation: Yes

Approximate number of documents: 3,000

Data: Yes

Type/approximate number of data sets: 250

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Books

Distribution Centre: Yes

Type of material distributed: Newsletter, to be published in the future

Research: Yes

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English; Sinhalese; Tamil

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Administrative; information units; management; project; technical research

External: Students; research institutes; educational organizations; non-governmental organizations; international organizations; government agencies and missions

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Searching of external computer databases; compilation of reference lists; information analysis; provision of data in computer readable form; selective dissemination of information

Charges for services: Yes

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: None

8. DATABASE(S): N/A

D. INSTITUTION/INFORMATION CENTRE

UNIVERSITY OF MORATUWA

Moratuwa, Sri Lanka

Telephone: (01) 505259
Fax: (01) 507622

Contact person: Prof. A.T.F. de Silwa

Principal function(s) of the institution/information centre: Training, education, research, assistance to industry and to community

Areas of specialization

Basic space sciences: Spacecraft; astronomy; space platforms

Remote sensing: Microwave remote sensing; agriculture; interpretation; remote sensing applications

Satellite communications: Communications networks; communications satellites; satellite signals; antennas; television; radio transmitters.

Satellite meteorology: Meteorological satellites

Extent of collection from/to (years): 1970/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 10,000

Documentation: Yes

Approximate number of documents: 50

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Monographies and reports

Indexing tools: UDC

2. GEOGRAPHICAL COVERAGE: worldwide

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management; research; information units

External: Government agencies and missions; research institutes; students; educational organizations; industry

5. CLASSES OF SERVICES PROVIDED

Loans: to individuals; to other agencies (Inter-library loans)

Services provided on request from external users: Compilation of reference lists; document delivery

Charges for services: None

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

8. DATABASE(S): None

SWEDEN

A. INSTITUTION/INFORMATION CENTRE

ROYAL INSTITUTE OF TECHNOLOGY, LIBRARY (KTHB)
AND INFORMATION AND DOCUMENTATION CENTER (IDC-KTHB)

S-100 44 Stockholm, Sweden

Telex: 10389 kthb s
Telephone: 46 8 790 6000
Fax: 46 8 10 91 99

Contact persons: Annika Sweden, Marie Wallin

Principal function(s) of the institution/information centre: Research library/National Resource Library for Science and Technology

Areas of specialization

Basic space sciences: Civil engineering; data processing and instrumentation; electronics; engineering; geology; material sciences; photogrammetry

Extent of collection from/to (years): 1965/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 120,000/3,000 + 9,000 non current

Indexing tools: Dewey for library collection (1975) and controlled terms in Swedish and English (1986)

Others: Swedish National Centre for the European Space Agency Information Retrieval Services (ESA-IRS)

2. GEOGRAPHICAL COVERAGE: worldwide

3. LANGUAGE(S): English, French, Russian, Swedish, German

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; technical; research; students

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; other international organizations; private users

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals in Stockholm area; to other agencies/libraries; to external bodies

Services provided on request from external users: Searching of external computer databases; compilation of reference lists; document delivery; SDI; directories

Charges for services: Yes

Titles of printed products produced by system/service: ESA-IRS-Nytt

6. TRAINING PROGRAMMES: Yes

To students of the Royal Institute of Technology, one week course in information searching as part of curriculum of several of the institute's schools

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Setting up SDI-service; training in the use of the ESA-IRS system

Conditions: Training can only be provided in Swedish or English; financing must be covering all costs; planning must be more than 3 months ahead

8. DATABASE(S): N/A

B. INSTITUTION/INFORMATION CENTRE

SWEDISH SPACE CORPORATION

Box 4207, S-171 O4 Solna, Sweden

Telex: 17128 SPACECOS Tel.: 4687336200

Contact Person: Catharina Brooling Fridén

Principal function(s) of the institution/information centre: Implementation of the Swedish Space and Remote Sensing Programme

Areas of specialization:

Basic space sciences: Aurora; electric field; microgravity; receiving stations; sounding rockets;zero gravity

Remote sensing: Remote sensing satellites; digital cartography; natural resources mapping; image processing; satellite data; thematic mapping

Satellite communications: Communications satellites; geostationary satellites; satellite ground stations; satellite control.

Extent of collection from/to (Years): 1972/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 1,500

Research: Yes

Type(s) of material(s) distributed: Satellite data from LANDSAT and SPOT

2. GEOGRAPHICAL COVERAGE: National

Basic space sciences:	Regional
Remote sensing:	Worldwide
Satellite communications:	Regional

3. LANGUAGE(S): English; French; German; Swedish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): N/A

External: Government agencies and missions; non-governmental organizations; industry; research institutes; educational organizations

5. CLASSES OF SERVICES PROVIDED:

Loans: N/A

Services provided on request from external users: Searching of external computer databases; compilation of reference lists; information analysis; document delivery; provision of data in computer readable form; selective dissemination of information

Charge for services: For some services

6. TRAINING PROGRAMMES: Introduction to Geographic Information System; 2 days; in English

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

8. DATABASE(S): N/A

SYRIA

A. INSTITUTION/INFORMATION CENTRE

GENERAL ORGANIZATION OF REMOTE SENSING (GORS)

GORS, P.O. Box 12586, Damascus, Syria

Telex: 411590 Tel.: 218765, 218764
Cable: GORS

Contact Person: Dr. Eng. Hussein Ibrahim, Director General; Mr. Mohamad Al-Malku; Geol. Moutaz Dalati

Principal function(s) of the institution/information centre: Applications of remote sensing techniques to various fields

Areas of specialization:

Basic space sciences: Materials science; radiation

Remote sensing: Applications to agriculture, hydrology; photo-interpretation techniques using computers; digital/analog image analysis; earth resources surveys; geology; land use

Satellite meteorology: Agro-climatology; earth's climate

Extent of collection from/to (years)

Basic space sciences:	1980/present
Remote sensing:	1979/present
Satellite meteorology:	1984/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 196/45

Documentation: Yes

Approximate number of documents: 150

Data: Yes

Type/approximate number of data sets: Documents in tabular form/90; Analog forms/250; Digital forms/30

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Files

Indexing tools: Will obtain shortly Macrothesaurus, UDC, SITS

Type(s) of material(s) distributed: Images/documents

Research: Yes

Research areas: Remote sensing applications

2. GEOGRAPHICAL COVERAGE:

Remote Sensing: Regional; sub-regional; national
Satellite meteorology: Sub-regional; national

3. LANGUAGE(S): Arabic; English; French; German

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; technical; research; information units; administrative

External: Government agencies and missions; educational organizations; research institutes; students; international organizations; industry

5. CLASSES OF SERVICES PROVIDED:

Loans: To individuals

Services provided on request from external users: Compilation of reference lists; information analysis; document delivery; selective dissemination of information

Charge for services: Cost per hour or item depending on request

6. TRAINING PROGRAMMES: Internal training courses and regional seminars

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: remote sensing applications to geology, hydrology, agriculture, land use and environment

Geographic preference: Jordan; Tunisia; India; Thailand; Brazil; Nigeria; Saudi Arabia

8. DATABASE(S): Database facilities will be obtained shortly

THAILAND

A. INSTITUTION/INFORMATION CENTRE

NATIONAL RESEARCH COUNCIL OF THAILAND

196 Phaholyothin Road, Chatuchuk, Bangkok 10900, Thailand

Telex: 82213 NARCOUTH Telephone: (662) 579-0117
Fax: (662) 561-3035

Contact person: Dr. Suvit Vibulsresth, Dr. Paiboon Ruangsiri, Dr. Darasri Downreang

Principal function(s) of the institution/information centre: Satellite data acquisition, distribution and analysis

Areas of specialization

Remote sensing: Satellite data acquisition, processing and distribution; digital/analog image analysis; imaging techniques; receiving stations; training and education of users of space technology

Extent of collection from/to (years): 1971/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 6,000/30

Data: Yes

Distribution centre: Yes

Type of material(s) distributed: Satellite data

Research: Yes

Research areas: Remote sensing

2. GEOGRAPHICAL COVERAGE: Worldwide; regional (Asia); national

3. LANGUAGE(S): English; Thai

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; research; technical; management
External: Government agencies and missions; international organizations; research institutes; educational organizations; industry; non-governmental organizations; students

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Provision of data in computer readable form (satellite data)

Charges for services: Yes (for satellite data)

Titles of printed products produced by system/service: TRSC Newsletter; Remote Sensing Newsletter (Thai version), ISSN 0125-1481

6. TRAINING PROGRAMMES: Yes, 3 weeks programme annually (in Thai language)

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Meeting of the ASEAN expert groups on remote sensing; special training on remote sensing

Geographic preference: None

8. DATABASE(S): Yes

Name of data base(s): Digital topo map, land use map, soil map, geological map, forest map

Form of database: Computerized

Type of database: Numerical

Time span: 1970-1990

Size of database:

Total number of items: 14

Frequency of updating: Yearly

Subject scope: Technology transfer; natural resources management

Language of database(s): English

Availability of database(s): External

Location where database can be searched: Only at location of information

Users of database:

Internal (within agency): Research personnel

External: Government agencies and missions; research institutes

TRINIDAD AND TOBAGO

A. INSTITUTION/INFORMATION CENTRE

INSTITUTE OF MARINE AFFAIRS

P.O. Box 3160, Carenage Post Office, Trinidad and Tobago

Telephone: 809-634-4291/4 Cable: MARINAF
Fax: 809-634-4433
E-mail: SCIENCEnet/Omnet.ID IMA.TRINIDAD.LIBRARY

Contact person: Alan Duncan, Chief Information Officer

Principal function(s) of the institution/information centre: Marine research, education, training

Areas of specialization

Remote sensing: Oceanography; coastal processes monitoring; computer-aided mapping; resource inventories; environmental research; fisheries; remote sensing applications

Extent of collection from/to (years): N/A

1. TYPE OF SYSTEM/SERVICE: N/A

2. GEOGRAPHICAL COVERAGE: Sub-regional

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management; project; technical; research; information units

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Searching of external computer databases; compilation of reference lists; information analysis; document delivery; provision of data in computer readable form; SDI

Charges for services: Yes; photocopying (20 cents per page); direct cost of database search

6. TRAINING PROGRAMMES: Yes

Training programmes are being planned and will occur when the centre becomes fully operational; candidates will have to seek their own funding possibly through international donor agencies and/or their national governments

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Marine science (research, training), environmental education

Geographical preference: None

8. DATABASE(S): Yes

Name of data base(s): MARIMA

Form of database: Computerized

Type of database: Bibliographic

Time span: 1970/present

Size of database:

Number of items added per year: 500

Total number of items: 6933

Frequency of updating: Continuous

Subject scope: Remote sensing; environment management; fishery biology; fish stock assessment; coastal zone management; law of the sea; land use

Language of database(s): English

Availability of database(s): Within agency only

Users of database:

Internal (within agency): Research

External: Government agencies and missions; research institutes; students; non-governmental organizations

B. INSTITUTION/INFORMATION CENTRE

TRINIDAD AND TOBAGO METEOROLOGICAL SERVICE

Piarco International Airport, Trinidad and Tobago

Telex: 25311 Telephone: 664-5465
Fax: 664-4009

Contact person: John Jackman, Director; Steve Pollonais, Assistant Director

Principal function(s) of the institution/information centre: To provide meteorological/climatological services in support of various economic sectors in the pursuit of national development

Areas of specialization

Satellite meteorology: Agro-climatology; climate; disaster; weather; meteorology; precipitation

Tropical meteorology

Extent of collection from/to (years): 1980/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 1,000/5,000

Data: Yes

Type/approximate number of data sets: Charts/40,000

Research: Yes

Research areas: Meteorology and climatology

2. GEOGRAPHICAL COVERAGE: Sub-regional, national

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management; project; technical; research; administrative; information units

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Information analysis; provision of data in computer readable form

Charges for services: None

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: None

Specific areas of interest: Library management

Geographic preference: English-speaking countries

8. DATABASE(S): Yes

Name of data base(s): N/A

Form of database: computerized; microfilm; paper files

Type of database: N/A

Time span: 1946/present

Size of database: N/A

Subject scope: Meteorology; weather forecasting; climatology; agrometeorology

Language of database(s): English

Availability of database(s): Within agency only

Users of database:

Internal (within agency): Management; project; technical; research; administrative

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; international organizations

TUNISIA

INSTITUTION/CENTRE D'INFORMATION

COMMISSION NATIONAL DE L'ESPACE

Premier Ministère, Place de la Kasbah, Tunis, Tunisie

Télex: 14 530 Téléphone: 262.032

Nom de la personne à contacter: M. Jeguibim Brahim, Secrétaire Général de la Comission National de l'Espace, Premier Ministère, Tunis, Kasbah, M. Habib Amri, PDG de l'Office Topographique et Cartographique, Cité Olympique, 1680 Tunis-Cédex, M. Zouheir Bellakhel, Directeur Général des Télécoms Boulevard du 9 Avril, Tunis

Principale(s) activités de l'institution ou du centre d'information: Coordination

Spécialités:

Télédétection: Cartographie assistée par ordinateur; techniques de photo-interprétation; cartographiques; numérique/analogique des images; levés géodésiques, levés d'occupation des sols
Communications par satellite: Service de radiodiffusion par satellite, satellites de communications, communication de données, transmission de données numériques, stations terriennes, service fixe par satellite
Météorologie: Climat, images de la couverture nuageuse, météorologie, prévisions météorologiques numériques, rayonnements solaires, temperature de surface

Periode pendant laquelle des données ont été collectées:

Télédétection:	De 1986 à nos jours
Communications par satellite:	De 1985 à nos jours
Météorologie:	De 1982 à nos jours

1. TYPE DE SYSTEME/SERVICE

Bibliothèque/Documentation/Données/Indexage/Distribution/
Recherche existent au niveau de chaque organisme

2. ZONE GEOGRAPHIQUE DESSERVIE

Télédétection: Pays
Communications par satellite: Monde, région, sous-région, pays
Météorologie: Sous-région, pays

3. LANGUES: Arabe, français

4. UTILISATEURS CIBLE DE VOTRE SYSTME/SERVICE:

Au niveau de chaque organisme concerné

Internes (au sein de l'organisme): Projects; techniciens; chercheurs; services d'information, administration, direction

Externes: Organismes et missions, gouvernementaux, industrie, organisations non-gouvernementales, instituts de recherche, organisations pédagogiques, étudiants, autre organisations internationales

5. LES SERVICES FOURNIS

Ils dépendent de l'organisme, mais las formule suivante prévaut en général

Services fournis à la demande d'utilisateurs externes: Analyse des informations, fourniture de données assimilables par la machine

Vos services sont-ils payants? Oui

Tarifs approximatifs: 1 DT l'heure (US$1.20)

6. ACTIVITES DE FORMATION: Non

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

Zone géographique: Le Maghreb, la Méditerranée, le Monde Arab, l'Afrique

8. BASE DE DONNEES: N/D

UNITED ARAB EMIRATES

A. INSTITUTION/INFORMATION CENTRE

REMOTE SENSING CENTER, UNITED ARAB EMIRATES UNIVERSITY

Remote Sensing Center, P.O. Box 17777, Al-Ain United Arab Emirates

Telephone: 664886 Telex: 33521
Fax: 664524

Contact person: Mohamed A. Yehia

Principal function(s) of the institution/information centre: Research and training

Areas of specialization

Remote sensing: Remote sensing applications to agriculture; arid zone landforms; computer aided mapping; desertification; environmental research and monitoring; geographical information systems; training and education of users of space and technology

Extent of collection from/to (years): 1987/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

Data: Yes

Research: Yes

2. GEOGRAPHICAL COVERAGE: Regional (Arabian region); sub-regional (Arabian Gulf); national

3. LANGUAGE(S): Arabic, English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research

External: Government agencies and missions; students

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; to external bodies

Services provided on request from external users: Information analysis

Charges for services: Yes

6. TRAINING PROGRAMMES: Yes

   One month training programme on remote sensing every two years in Arabic and English; entry requirement - B.S. degree

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Geographic preference: None

8. DATABASE(S): None

UGANDA

A. INSTITUTION/INFORMATION CENTRE

DEPARTMENT OF METEOROLOGY

P.O. Box 7025 Kampala, Uganda

Telephone: 258537, 233559 Cable: WEATHER
Fax: 256-41-256166

Contact person: G.H. Obua, S.A.K. Magezi, Bwango Apuuli

Principal function(s) of the institution/information centre: Provision of meteorological services

Areas of specialization

Satellite meteorology: Climate; cloud cover; image processing; crop forecast; monitoring; desertification; vegetation monitoring

Extent of collection from/to (years): 1985/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

Data: Yes

2. GEOGRAPHICAL COVERAGE: Regional (Africa)

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management; technical

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Information analysis

Charges for services: Yes

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: N/A

8. DATABASE(S): None

B. INSTITUTION/INFORMATION CENTRE

CIVIL AVIATION AUTHORITY

P.O. Box 5536 Kampala, Uganda

Telex: 61508 Telephone: 042-20311 (ENTEBBE)
Fax: 256807

Contact persons: M.M. Kibula, B. Kwoba

Principal function(s) of the institution/information centre: Administration of civil aviation

Areas of specialization

Telecommunications (terrestrial): Antennas; communications networks; electronics; radio transmitter; receivers; receiving stations

Extent of collection from/to (years): N/A

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 50/10

2. GEOGRAPHICAL COVERAGE: Sub-regional (Eastern Africa)

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management; technical; administrative; information units

External: Government agencies and missions; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Document delivery

Charges for services: Yes

6. TRAINING PROGRAMMES: Yes

    Through fellowships; duration and minimum qualification varies

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

    Specific areas of interest: Navigation satellite systems; navigation using space systems technology

    Geographic preference: United States of America; United Kingdom; Germany

8. DATABASE(S): None

C. INSTITUTION/INFORMATION CENTRE

UGANDA POSTS AND TELECOMMUNICATIONS CORPORATION

P.O. Box 7171, Kampala, Uganda

Telex:	61027	Telephone:	256-41-258855
Cable:	POSTEL	Fax:	256-41-245907

Contact person: J.W. Namara; S.A. Sunday

Principal function(s) of the institution/information centre: Provision of postal and telecommunications services

Areas of specialization

Satellite communications: Broadcasting satellite services; communications networks; communications satellites

Extent of collection from/to (years): 1981/present

1. TYPE OF SYSTEM/SERVICE: N/A

2. GEOGRAPHICAL COVERAGE: Worldwide

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED: Any interested party (voice-and-telecast recipients)

5. CLASSES OF SERVICES PROVIDED: N/A

    Charges for services: Yes

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: None

8. DATABASE(S): None

D. INSTITUTION/INFORMATION CENTRE

DEPARTMENT OF SURVEYS AND MAPPING

P.O. Box 1 Entebbe, Uganda

Telephone: 042-20531

Contact person: Paul Bakashabaruhanga, Balamu Mubbala, Dathan Kiwanuka

Principal function(s) of the institution/information centre: Mapping; land surveying

Areas of specialization

Remote sensing: Mapping activities; photogrammetry; surveying; thematic mapping

Extent of collection from/to (years):

Basic space science: 1910/present
Remote sensing: yet to start

1. TYPE OF SYSTEM/SERVICE

Documentation: Yes

Data: Yes

Type/approximate number of data sets: In analog forms

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management; project; technical; administrative
External: Government agencies and missions; students; educational organizations; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Document delivery; SDI

Charges for services: Yes (US$5 per sheet)

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Exchange of information on mapping; establishment of geodetic nets; experiences in setting up a modern land information system

8. DATABASE(S): None

UKRAINE

A. INSTITUTION/INFORMATION CENTRE

N.G. KHOLODNY INSTITUTE OF BOTANY
OF THE ACADEMY OF SCIENCES OF UKRAINE

Repin str. 2, 252601 Kiev-4

Telephone: (044) 212-32-36

Contact person: Kordyum Elizabeth L., Vasilenko Alexander I.

Principal function(s) of the institution/information centre: Fundamental and applied biological researches of plants

Areas of specialization

Basic space sciences: Space biology and medicine; microgravity; radiation; biology

Extent of collection from/to (years): 1973/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 195/9

2. GEOGRAPHICAL COVERAGE: Worldwide, national

3. LANGUAGE(S): English, French, Russian, Ukrainian, German

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research

External: Research institutes; students

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; to external bodies

Charges for services: None

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Space biology; space botany; cell biology, space radiobiology, gravitational biology

Geographic preference: Collaboration with other agencies

8. DATABASE(S): None

B. INSTITUTION/INFORMATION CENTRE

MAIN ASTRONOMICAL OBSERVATORY OF THE UKRAINIAN ACADEMY OF SCIENCES

Goloseevo, Kiev 252127, Ukraine

Telex: (064) 131406 SKY SU Telephone:(044) 266-3110

Contact person: Yatskiv Ya. S., Tarady V.K., Botvinova V.V.

Principal function(s) of the institution/information centre: Investigations on space geodynamics, solar, planetary, star and galaxies physics, fundamental astrometry

Areas of specialization

Basic space sciences: Comets, dynamics of satellites; earth rotation; galaxies; geodynamics; geostationary orbits

Extent of collection from/to (years): N/A

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 19,000/52,000

Data: Yes

Type/approximate number of data sets: In tabular and digital forms

Indexing/Abstracting service: Yes

Distribution Centre: Yes

2. GEOGRAPHICAL COVERAGE: Worldwide

3. LANGUAGE(S): English, Russian

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; research

External: Research institutes; students; international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Document delivery; provision of data in computer readable form; SDI

Charges for services: None

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Information exchange on geodynamics; space geodesy; geostationary satellites catalogues

8. DATABASE(S): Yes (4 databases)

(a) Name of data base(s): Laser Ranging Data for Lageos and Etalon

Form of database: Computerized

Type of database: Numeric (contains data statistics, time series, etc.)

Time span: 1983-1990

Size of database: 46 mb

Number of items added per year: N/A

Total number of items: 420,000 records

Frequency of updating: Quarterly

Subject scope: Geodynamics, dynamics of satellites

Language of database(s): English

Availability of database(s): Within agency only

File name: Lageos, etalon

Searching languages: English

Cost: No charge

User aids available: User manual, help desks

Users of database:

Internal (within agency): Research

External: Research institutes; students; other international organizations

(b) Name of data base(s): Polarimetry of Atmosphereless Bodies - PALB

Form of database: Computerized

Type of database: Data indexes; numeric

Time span: All published data from 1921 up to present

Size of database: 150 kbyt

Number of items added per year: 10

Total number of items: 550

Frequency of updating: Continuously

Subject scope: PALB contains data of polarimetric observations of atmosphereless bodies (the Moon, Mercury, asteroids, Jupiter satellites) and data of laboratory polarimetric measurements of lunar samples, meteorites, terrestrial soils and minerals

Language of database(s): English, Russian

Availability of database(s): External

Host name: RT-11

File name: PALB.DAT DISPER FOR
STAT.FOR PICTUR.FOR
REGR.FOR CLASSF.FOR

Searching languages: English or Russian

User aids available: User manual

Users of database:

Internal (within agency): Research

External: Research institutes

(c) Name of data base(s): Fraunhofer Spectrum Database - SPECBANK

Form of database: Computerized

Type of database: Numeric

Time span: 1979-1991

Size of database: 200 KByte

Number of items added per year: N/A

Total number of items: 11,916

Frequency of updating: Continuously

Subject scope: DATABASE includes the main properties of solar spectral absorption lines

Language of database(s): English, Russian

Availability of database(s): Within agency only

File name: config.spb; tables.spb

Searching languages: English or Russian

Cost: The price for the first SPECBANK is $414.00

User aids available: User manual, help desks and easy-to-follow menu options

Users of database:

Internal (within agency): Project; technical; research; information unit

External: Research institutes; students

(d) Name of data base(s): VINTI/ASP (edited duplicate of database "Astronomy" VINITI)

Form of database: Computerized

Type of database: Bibliographic

Time span: 1989/present

Size of database: 65 Mb

Number of items added per year: 1100

Total number of items: 36,000

Frequency of updating: Monthly

Subject scope: Celestial mechanics; theoretical astrophysics; solar system; sun; stars; galaxy; intestellar matter; nebulae; cosmology

Language of database(s): Russian

Availability of database(s): Within agency only

User aids available: user manual

Users of database:

Internal (within agency): Technical; research

External: Research institutes; students

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

A. INSTITUTION/INFORMATION CENTRE

ENVIRONMENTAL INFORMATION CENTRE (EIC)

Institute of Terrestrial Ecology, EIC
Monks Wood Experimental Station
Abbots Ripton, Huntingdon, Cambridgeshire PE 17 2LS

Telex: 32416 MONITEG
Telephone: (04873) 381
Fax: (04873) 590

Contact person: B.K. Wyatt

Principal function(s) of the institution/information centre: Data Centre for the terrestrial life sciences and for land resource management

Areas of specialization

Remote sensing: Land-use mapping; agriculture; forestry; image classification; geographic information systems; habitat mapping; monitoring of biological diversity

Extent of collection from/to (years): 1975/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

Documentation: Yes

Approximate number of documents: 3,000

Data: Yes

Type/approximate number of data sets: Aerial photos, LANDSAT, AVHRR, digital imagery, digital topographic and thematic data, data on distribution of biological species

2. GEOGRAPHICAL COVERAGE: Regional (Europe), national

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research

External: Government agencies and missions; international organizations; research institutions

5. CLASSES OF SERVICES PROVIDED

No services of this type offered routinely, however, several could be provided ad hoc, on a case-by-case basis

Charges for services: Charging policy would depend on the nature of the request

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Geographic Information systems, biological databases

Geographic preference: None

8. DATABASE(S): Yes

Name of data base(s): N/A

Form of database: Computerized

Type of database: Bibliographic, national databank of species distribution

Time span: 1975/present

Size of database:

Number of items added per year: 300

Total number of items: 3,000

Frequency of updating: Continuously

Subject scope: Remote sensing satellites; image processing; land-use mapping; vegetation monitoring; agriculture; biomass estimation; desertification; Geographic Information System; forestry

Language of database(s): English, French

Availability of database(s): Internal, external

On-line access: Database could be distributed on diskettes

Users of database: Research

B. INSTITUTION/INFORMATION CENTRE

UNIVERSITY OF DUNDEE, DEPARTMENT OF APPLIED PHYSICS AND ELECTRONIC AND MANUFACTURING ENGINEERING

Dundee DD1 4HN, Scotland, United Kingdom

Telex: 9312110826 DUG
Telephone: 4438223181
Cable: 382 202830

Contact person: Dr. R. Avaughan

Principal function(s) of the institution/information centre: Teaching and research

Areas of specialization

Basic space sciences: Education; electronics; meteorology; microgravity; oceanography; satellite signals

Remote sensing: Civil engineering; coastal processes; earth resources surveys; surface temperature; water resources/quality; weather satellites

Satellite communications: Antennas; communications; satellites; data acquisition; digital data transmission; earth stations; control/tracking

Satellite meteorology: Cloud cover; data processing and instrumentation; earth's atmosphere; emissive properties; meteorological satellites

Others: Satellite data reception facility and major archive of NOAA, AVHRR and CZCS data

Extent of collection from/to (years):

Remote sensing:	1987/present
Satellite communications:	1970/present
Satellite meteorology:	1978/present

1. TYPE OF SYSTEM/SERVICE

Library: General library; not specifically related to space

Approximate number of books/periodicals: N/A

Data: Yes

Type/approximate number of data sets: HDDT/several hundred

Distribution centre: Yes

Type of material(s) distributed: Images and CCTS from data archive

2. GEOGRAPHICAL COVERAGE: Regional (area centred on Dundee and reaching Greenland, Canary Islands, Greece and Ukraine

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Project; research

   External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED

   Loans: None

   Services provided on request from external users: Compilation of reference lists; provision of data in computer readable form

   Charges for services: Depends on service/data provided

6. TRAINING PROGRAMMES: Short courses (approximately 3 weeks); M.Sc, Dip.Sc. and Ph.D programmes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Geographic preference: None

8. DATABASE(S): N/A

C. INSTITUTION/INFORMATION CENTRE

UNIVERSITY OF SURREY, CENTRE FOR SATELLITE ENGINEERING RESEARCH

Guilford Surrey, GU 2 5XH, United Kingdom

Telex: 859331
Telephone: (483) 509131
Fax: (483) 34139

Contact person: Prof. B.G. Evans

Principal function(s) of the institution/information centre: Academic research/training; satellite/space engineering

Areas of specialization

Basic space sciences: Radiation effects; spacecraft expertise

Remote sensing: Earth imaging; spacecraft engineering

Satellite communications: Satellite systems studies; software engineering; VSATs; protocols; propagation

Satellite meteorology: Earth imaging

Satellite engineering: Building low-earth orbiting satellites; all aspects of spacecraft engineering

Extent of collection from/to (years):

Basic space science: 1980/present
Remote sensing: 1980/present
Satellite meteorology: 1982/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 100

Documentation: Yes

Approximate number of documents: Internal reports

Distribution Centre: Yes

Type of material distributed: Information on satellites in education, LEO satellite systems

Research: Yes

2. GEOGRAPHICAL COVERAGE: Worldwide

3. LANGUAGE(S): English; French; Arabic; Chinese

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research; project; technical; management; administrative

External: Educational organizations; research institutes; students; government agencies and missions; industry

5. CLASSES OF SERVICES PROVIDED

Loans: None

Services provided on request from external users: compilation of reference lists; information analysis; document delivery; provision of data in computer readable form; selective dissemination of information

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: None

8. DATABASE(S): N/A

D. INSTITUTION/INFORMATION CENTRE

DEPARTMENT OF ENGINEERING, ABERDEEN UNIVERSITY

Bedford Road, Aberdeen, AB9 2UE
United Kingdom

Telex: 73458 UNIABNG Telephone: 44-224-272778
Fax: 44-224-491179

Contact person: C.T. Spracklen

Principal function(s) of the institution/information centre: Education and research

Areas of specialization

Basic space sciences: Receiving stations; satellite signals; training and education of users of space technology; wave propagation; simulation; on-board telecommunications systems

Satellite communications: Data communication; digital data transmission; receiving stations; simulation; on-board telecommunications systems

Extent of collection from/to (years): 1983/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 500/600

Data: Yes

Type/approximate number of data sets: Digital form/100

Research: Yes

2. GEOGRAPHICAL COVERAGE: Regional (Europe)

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Technical; research

   External: Government agencies and missions; research institutes; educational organizations; industry

5. CLASSES OF SERVICES PROVIDED

   Loans: To individuals; to other agencies; to external bodies

   Services provided on request from external users: Searching of external computer databases; compilation of reference lists; information analysis; document delivery; provision of data in computer readable form; SDI

   Charges for services: None

6. TRAINING PROGRAMMES: Yes

   12 or 36 months programme annually; language of instructions is English. Scholarship/fellowship opportunities are limited

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Basic space sciences; satellite communications

   Geographic preference: None

8. DATABASE(S): Yes

   Name of data base(s): None

   Form of database: Computerized

   Type of database: Data indexes; numeric

   Time span: 1983/present

Size of database:

Number of items added per year: Variable

Total number of items: More than 100,000,000 Bytes

Frequency of updating: Occasional

Language of database(s): English

Availability of database(s): External

Locations where database can be searched: Via X.25 network

On-line access:

Host name: ABERDEEN UNIVERSITY SUN SYSTEM

Searching languages: English

Cost: None

User aids available: On-line aids documentation

Users of database:

Internal (within agency): Technical; research

External: Government agencies and missions; research institutes; educational organizations; industry; non-governmental organizations; other international organizations

E. INSTITUTION/INFORMATION CENTRE

CENTRE FOR COMMUNICATIONS RESEARCH, UNIVERSITY OF BRISTOL

University of Bristol, Bristol BS8 ITR, United Kingdom

Telex:	445938 BSUNIVG	Telephone:	44-272 303259
Fax:	44-272 255265		

Contact person: Prof. J.P. McGeehan

Principal function(s) of the institution/information centre: R&D in wireless communication networks & electromagnetic modelling

Areas of specialization

Satellite communications: Communications networks; data communication; antennas; navigation using space systems technology; radio wave propagation; receivers

Mobile terrestrial networks

Electromagnetic modelling

Extent of collection from/to (years): 1960/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Documentation: Yes

Indexing/Abstracting service: Yes

Indexing tools: INSPEC and STAR

Research: Yes

Research areas: Communications systems

2. GEOGRAPHICAL COVERAGE: Worldwide

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management; project; technical; research; administrative

External: Students

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; to other agencies; to external bodies

Services provided on request from external users: Searching of external computer databases; compilation of reference lists

Charges for services: Yes

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Communications networks

Geographic preference: None

8. DATABASE(S): N/A

F. INSTITUTION/INFORMATION CENTRE

DEPARTMENT OF GEOGRAPHY AND TOPOGRAPHIC SCIENCE, UNIVERSITY OF GLASGOW

Glasgow G12 8QQ, United Kingdom

Telex: 777070 UNIGIA
Telephone: 44-41-339-8855
Fax: 44-41-330-4894

Contact person: Prof. Gordon Petrie, David A. Tail

Principal function(s) of the institution/information centre: Education

Areas of specialization

Remote sensing: Space systems; mapping; digital mapping; training and education in remote sensing

Extent of collection from/to (years): 1970/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Data: Yes

Research: Yes

Research areas: Mapping from space imagery

2. GEOGRAPHICAL COVERAGE: Worldwide

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Research; teaching

External: Research institutes; students; educational organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; to other agencies

Charges for services: Depends on services

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Topographic mapping

8. DATABASE(S): None

G. INSTITUTION/INFORMATION CENTRE

TEMPLEMAN LIBRARY, UNIVERSITY OF KENT

Canterbury, Kent CT2 7NU, United Kingdom

Telex:	965449	Telephone:	0227-764000
Fax:	0227-459025		

Principal function(s) of the institution/information centre: Teaching and research

Areas of specialization: Basic space sciences; remote sensing

Extent of collection from/to (years): 1966/present

1. TYPE OF SYSTEM/SERVICE

   Library: Yes

   Indexing tools: LC classification; LC subject headings

2. GEOGRAPHICAL COVERAGE: Worldwide; regional; sub-regional; national

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Research; students

   External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations; other international organizations

5. CLASSES OF SERVICES PROVIDED

   Loans: To individuals; to other agencies where they are members of library; to external bodies where they are members of library

Services provided on request from external users: Searching of external computer databases; compilation of reference lists; information analysis; document delivery; provision of data in computer readable form; SDI

Charges for services: Yes

6. TRAINING PROGRAMMES: None

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: None

8. DATABASE(S): Yes

Name of data base(s): CATS

Form of database: Computerized

Type of database: Bibliographic

Size of database:

Number of items added per year: 19,000

Total number of items: 327,000

Frequency of updating: Daily

Subject scope: Humanities; natural sciences; social sciences; information technology

Language of database(s): Arabic, English, French, Russian, Spanish, Italian, German, Japanese, other European languages

Availability of database(s): Within agency and external via Janet

On-line access: Via JANET

Host name: uk.ac.ukc

File name: CATS

Searching language: English

Cost: None via JANET

User aids available: Yes

Users of database:

Internal (within agency): Research; students

External: Government agencies and missions; research institutes; students; educational organizations; industry; non-governmental organizations

H. INSTITUTION/INFORMATION CENTRE

DEPARTMENT OF METEOROLOGY, UNIVERSITY OF READING

2 Earley Gate, Reading RG6 2AU, United Kingdom

Telex: 847813 (RULIB) Telephone: (0734) 875123
Fax: (0734) 352604

Contact persons: Prof. B.J. Hoskins, Mr. G. Dugdale, Dr. J.R. Milford

Principal function(s) of the institution/information centre: Teaching and research

Areas of specialization: Remote sensing, satellite meteorology

Extent of collection from/to (years): 1986/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

Data: Yes

Research: Yes

Research areas: Meteorology and hydrology

2. GEOGRAPHICAL COVERAGE: N/A

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

External: Government agencies and missions; students; other international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Information analysis; provision of data in computer readable form

Charges for services: Yes (£250 to £350 per man/day)

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Links with FAO, United States Agency for International Development (USAID), regional and national centres in Africa already established

Geographic preference: Africa

8. DATABASE(S): N/A

UNITED REPUBLIC OF TANZANIA

A. INSTITUTION/INFORMATION CENTRE

UNIVERSITY OF DAR-ES-SALAAM, INSTITUTE OF RESOURCE MANAGEMENT

P.O. Box 35097, Dar-es-Salaam, Tanzania

Telex: 41327 UNISCIE Telephone: 051-49039

Contact person: Prof. A.S. Kauzeni, Dr. E.K. Shishira, Dr. I.S. Kikula

Principal function(s) of the institution/information centre: Multi-disciplinary research

Areas of specialization

Remote sensing: Resource inventories; land-use mapping; earth resources surveys; desertification; environmental research and monitoring; vegetation monitoring

Extent of collection from/to (years): 1972/present

1. TYPE OF SYSTEM/SERVICE: N/A

2. GEOGRAPHICAL COVERAGE: National

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Research; management

   External: Government agencies and missions; research institutes; students; educational organizations

5. CLASSES OF SERVICES PROVIDED

   Services provided on request from external users: Compilation of reference lists; information analysis

   Charges for services: None

6. TRAINING PROGRAMMES: N/A

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

8. DATABASE(S): N/A

UNITED STATES OF AMERICA

A. INSTITUTION/INFORMATION CENTRE

EROS DATA CENTER

Sioux Falls, South Dakota 57198, U.S.A.

Telex: 910-668-0310 Telephone: (605) 5946151

Contact person: Glenn H. Landis, Donald T. Lauer, Dennis R. Hood

Principal function(s) of the institution/information centre: Archive; production; research facility for remotely sensed data

Areas of specialization

Remote sensing: Remote sensing applications to the Earth sciences; computer aided mapping; earth resources surveys; land observations with remote sensing satellites; satellite data processing; Geographic Information System research and development; Global Change research

Extent of collection from/to (years): 1930's/present. The Technical Reference Unit has holdings available for all of the above-mentioned areas; various dates

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 10,000/100

Data: Yes

Type/approximate number of data sets: Aircraft/8,000,000 photos; satellite/ 3,500,000 frames

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Aircraft and satellite remote sensing

Distribution Centre: Yes

Type of material distributed: Technical reports and data

Research: Yes

2. GEOGRAPHICAL COVERAGE: National; worldwide

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Management; research; project; technical information units; administrative

   External: Government agencies and missions; industry; research institutes; non-governmental organizations; educational organizations; students; other international organizations

5. CLASSES OF SERVICES PROVIDED

   Loans: To individuals; other agencies; external bodies

   Services provided on request from external users: Searching of internal and external computer databases; document delivery; selected dissemination of information

6. TRAINING PROGRAMMES: By special arrangement

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Global natural resource surveys and monitoring using remote sensing and geographic information systems technologies

   Geographic preference: N/A

   Conditions of participation: Requests may be made through United States Agency for International Development (USAID), the World Bank or United Nations; full repay of project costs is required

8. DATABASE(S): Yes

   Name of data base(s): Aircraft-LANDSAT satellite

   Form of database: Computerized; micrographics

   Type of database: Data indexes (contains listings of existing data and sources)

   Time span: Aircraft data (USA only) from 1930's; LANDSAT data from 1972

   Size of database:

   Number of items added per year: 100,000 frames

   Total number of items: Remote sensing data: 11,500,000 frames

   Frequency of updating: Continuously

Subject scope: Remote sensing research and development; Global Change; Geographic Information System; computer services; remote sensing data; digital cartography; earth sciences satellite data; LANDSAT data; data reproduction and distribution; technology transfer

Language of database(s): English

Availability of database(s): External

On-line access: Yes

Host name: INORAC/DORRAN

Cost: No charge for geographic search of aircraft or LANDSAT data

Users of database:

Internal (within agency): Information units; project; management; technical; administrative; research

External: Government agencies and missions; industry; research institutes; educational organizations; non-governmental organizations; international organizations

URUGUAY

A. INSTITUCION/CENTRO DE INFORMACION

DIRECCION NACIONAL DE METEOROLOGIA

Javier Barrios Amorin 1488, Montevideo, Uruguay

Telex: 22052 UY Teléfono: 40-56-55
Cable: METEOURUGUAY

Persona a contactar: CNEL. Carlos Grezzi, TTE-CNEL, Ruben Silva, Cap. Angel Y. Moran

Función(es) principal(es) de la institución o del centro de información: Proveer servicios meteorológicos a usuarios nacionales y de acuerdo a compromisos contraidos internacionalmente

Esferas de especialización:

Meteorología: Satélites meteorológicos, pronóstico del tiempo, climatología sinóptica, meteorología, atmósfera de la Tierra, clima de la Tierra

Alcance de la información: 1973 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/periódicos: 100

Documentación: N/D

Datos: Sí

Tipo/número aproximado de los conjuntos de datos: Imágenes WEFAX/2,600

Servicio de indizado/elaboración de resúmenes: Ninguno

Centro de distribución: Sí

2. ALCANCE GEOGRAFICO: Nacional, subregional, regional

3. IDIOMAS: Español

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal técnico, investigadors, dependencias de información, personal de proyectos

Externos: Organismos gubernamentales y misiones, organizaciones no-gubernamentales, industrias, estudiantes

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: N/D

Servicios prestados a petición de usuarios externos: Análisis de información, entrega de documentos, distribución de información seleccionada

Cargos por servicios: Ninguno

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: Intercambio de información sobre el medio ambiente

Preferencia geográfica: Países en latitudes medias y próximas al Uruguay

8. BASE DE DATOS: N/D

VENEZUELA

A. INSTITUCION/CENTRO DE INFORMACION

COMPAÑIA ANONIMA NACIONAL TELEFONOS DE VENEZUELA

Av. Libertador, Edif. Nea Urb., Guaicapuro, Venezuela

Telex: 27059 Teléfono: 782-53-79/500-77-13;500-7568
Facsímil: 5750498 Dirección cablegráfica: 1226

Persona a contactar: Sra. Ziomara Rojas, Edif. Nea P.B. Biblioteca; Sr. Antonio Ecalona, Gerencia Ingenieria de Desarollo

Función(es) principal(es) de la institución o del centro de información:

INSTITUCION: prestacion de servicio de telecomunicaciones a surel Nacional

CENTRO DE INFORMACION: Servi de apoyo y de fuente de su-ministro de los recursos bibliograficos necesario para la ejecucion de los programas de desarrollo de la Empresa

Esferas de especialización:

Communicaciones: Estaciones terrestres; orbitas geostacionarias; servicio de comunicaciónes por satélite entre estaciones terrestres fijas; satélites geostacionarios

Alcance de la información:

Communicaciones: 1970 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/periódicos: 10,000/180 titulo p.p.

Documentación: Sí

Número aproximado de documentos: 800

Datos: N/D

Tipo/número aproximado de los conjuntos de datos: N/D

Servicio de indizado/elaboración de resúmenes: N/D

Centro de distribución: Sí

Tipo de material distribuido: Boletin de Actualización de Publicaciones Periodicas; Boletin Bibliografico

2. ALCANCE GEOGRAFICO: Nacional

3. IDIOMAS: Español, Inglés

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Administracion; personal de proyectos; personal técnico; personal administrativo; personal profesional

Externos: Organismos gubernamentales y misiones; institutos de investigaciones no gubernamentales

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: A individuos, a organismos

Servicios prestados a petición de usuarios externos: N/D

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: N/D

Preferencia geográfica: N/D

8. BASE DE DATOS:

Nombre de la base de datos: Programa Microsis (en español)

Modalidad de la base de datos: Computadorizada

Tipo de la base de datos:

Referencia: Bibliográfica, indices de datos

Fuente: Numerica

Tamaño de la base de datos: N/D

Materias abarcadas: Telecomunicación y areas afines, electronica, informatica, comunicaciones, administracion de empresas

Idiomas de la base de datos: Español, Inglés

Acceso a la base de datos: Otros usuarios

Usuarios de la base de datos:

Internos: Administración; personal de proyectos, personal técnico; investigadores; personal administrativo; dependencia de información

Externos: Estudiantes; institutos de investigación; organismos gubernamentales y misiones, organizaciones educacionales, organizaciones no gubernamentales, otras organizaciones internacionales

B. INSTITUCION/CENTRO DE INFORMACION

SERVICIO DE METEOROLOGIA DE LA FUERZA AEREA VENEZOLANA

Avenida Bolívar, N 74, Base Logística Aragua, Maracay - Venezuela

Telex: 43391 BAR VC
Teléfono: (043) 338297
Facsímil: 338043
Dirección Cablegráfica: SEMETFAV

Persona a contactar: CNEL. (AV) Eduardo Caldera Gomez

Función(es) principal(es) de la institución o del centro de información: Suministro de Servicio Meteorológico para la Aeronáutica Civil y Militar Nacional e Internacional; Elaboración y difución Nacional del Pronóstico del Tiempo para Venezuela; Análisis Climatológico de todo el país

Esferas de especialización:

Communicaciones: Fotografías/conjuntos de imágenes de la cubierta de nubes, redes de comunicaciones, satélites de comunicaciones, adquisición de datos, comunicación de datos, procesamiento de datos

Meteorología mediante satélite: Procesamiento de imágenes; meteorología; técnicas de fotointerpretación; pronóstico del tiempo, satélites meteorológicos

Alcance de la información:

Comunicaciónes: 1985 a la fecha

1. TIPO DE SISTEMA O SERVICIO

Biblioteca: Sí

Número aproximado de libros/periódicos: 3,000

Documentación: Sí

Número aproximado de documentos: 5

Datos: Sí

Tipo/número aproximado de los conjuntos de datos: 6/3 diarios

Servicio de indizado/elaboración de resúmenes: Sí

Tipo de material indizado/resumido: Boletines diarios/mensuales, descripciones climáticas, Atlas Climático de Venezuela 1951/70

Investigación: Sí

Esferas de investigación: Análisis de Sistemas Meteorológicos
Análisis Climatológico, Cambio Climático

2. ALCANCE GEOGRAFICO: Regional, Sub-Regional, Nacional

3. IDIOMAS: Español

4. USUARIOS A LOS QUE ESTA DESTINADO EL SISTEMA O SERVICIO

Internos (dentro del organismo): Personal Técnico, Investigadores, dependencias de información

Externos: Organismos Gubernamentales y Misiones, Institutos de - Investigación, Organizaciones Educacionales, Industrias, Estudiantes, Organizaciones no Gubernamentales, Otras Organizaciones

5. CLASES DE SERVICIOS PRESTADOS

Préstamos: N/D

6. PROGRAMAS DE CAPACITACION: Ninguno

7. COLABORACION CON OTRAS INSTITUCIONES O CENTROS DE INFORMACION: Sí

Esferas concretas de interés: Instrumentos Meteorológicos

Preferencia geográfica: Región Latinoamericana

8. BASE DE DATOS:

Nombre de la base de datos: Banco de Datos Climatológicos (en español)

Modalidad de la base de datos: Computarizada, Microfilms

Tipo de la base de datos:

Referencia: N/D
Fuente: Numérica

Tamaño de la base de datos: 2 5.000.000 de datos

Tiempo que abarca: Desde 1951 hasta la fecha

Materias abarcadas: Meteorología Sinóptica, Meteorología Agrícola, Meteorología Aeronaáutica, Hidrometeorología, Meteorología Dinámina, Radiación Solar, Climatología

Idiomas de la base de datos: Español

Acceso a la base de datos: Otros usuarios

Lugares en que puede buscarse la Base de Datos: Departamento de Climatología, Servicio de Meteorología FAV

Acceso en linea:

Nombre del Sistema Principal: CLICOM

Número del Archivo: Ninguno

Nombre del Archivo: Ninguno

Idioma de búsqueda: Inglés, próxima versión en Español

Costo: No establecido

Usuarios de la base de datos:

Internos: Investigadors, personal Técnico Personal de Proyectos, Dependencia de Información

Externos: Individuos de Investigación, Estudiantes, Organizaciones Educacionales, Industria, Organismos Gubernamentales, Misiones, Organizaciones Educacionales, Otras Organizaciones Internacionales

ZAIRE

A. INSTITUTION/CENTRE D'INFORMATION

INSTITUT GEOGRAPHIQUE DU ZAIRE

B.P. 3086, Kinshasa/Gombe, Zaire

Téléphone: 31854

Nom de la personne à contacter: Suani Di Naba Basunga, Lt. Col. Ingénieur; Lubiku Lusiense Belani, Major géographe; Mamgombi Dei Ilonga, Dr. Ingénieur

Principale(s) activités de l'institution ou du centre d'information: Etablissement de la carte de base du Zaire et dérivées; travaux de recherche y afférant

Spécialités:

Sciences spatiales fondamentales: Astronomie, astronomie optique, astro-géodesie

Telédétection: Photogramétrie, techniques de photographie

Techniques géographique: Cartes, activités, cartographiques, géodesie, techniques de levés, aériens et géodesiques

Période pendant laquelle des données ont été collectées:

Sciences spatiales fondamentales: 1938-1940, de 1950 à nos jours
Télédétection: N/D
Techniques géographiques (cartes): De 1950 à nos jours

1. TYPE DE SYSTEME/SERVICE

Bibliothèque: Oui

Nombre approximatif d'ouvrages/revues spécialisées: 300/150

Documentation:

Nombre approximatif de documents: N/D

Donées: Oui

Type/nombre approximatif d'ensembles de données: Forme analogique

Service d'indexage/analyse: Oui

Type des documents indexés/analysés: Revues

Centre de distribution: Oui

Type de documents distribués: Cartes et répertoirs

Recherche: Oui

2. ZONE GEOGRAPHIQUE DESSERVIE: Pays

3. LANGUES: Anglais, français

4. UTILISATEURS CIBLES DE VOTRE SYSTEME/SERVICE

   Internes (au sein de l'organisme): Projets; direction; administration; chercheurs; techniciens; services d'information

   Externes: Organismes et missions gouvernamentaux, instituts de recherche, organisations non gouvernementales, autres organisations internationales, étudiants, organisations pédagogiques

5. LES SERVICES FOURNIS

   Prêts: N/D

   Services fournis à la demande d'utilisateurs externes: Fourniture de documents; services de levés locaux (topographiques et photogrammetriques)

   Vos services sont-ils payants? Oui

6. ACTIVITES DE FORMATION: Oui

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

8. BASE DE DONNES: N/D

B. INSTITUTION/CENTRE D'INFORMATION

SERVICE PRESIDENTIEL D'ETUDE/D.R.N.

B.P. 4834 Kinshasa/Gombe, Zaire

Télex: 21369 CHETAT ZR Téléphone: 30089-30655

Nom de la personne à contacter: Citoyen Directeur du Bureau du President de la République, B.P. 3092, Kinshasa/Ngaliema

Principale(s) activités de l'institution ou du centre d'information: Télédétection (Inventaire des ressources terrestres)

Spécialités:

Telédétection: Etudes de resources terrestre; foresterie; exploration minière, inventaires de ressources naturelles; cartographie thématique; formation de la technologie spatiale

Période pendant laquelle des données ont été collectées: 1972 à nos jours

1. TYPE DE SYSTEME/SERVICE

Bibliothèque: N/D

Donées: Oui

Type/nombre approximatif d'ensembles de données: --/1869

Service d'indexage/analyse: Oui

Type de documents indexés/analysés: Images de satellites

Centre de distribution: Oui

Type de documents distribués: Rapport final

Recherche: Oui

Autres: Confection des cartes thématiques avec les données issues d'analyses d'images satellites

2. ZONE GEOGRAPHIQUE DESSERVIE: Afrique Central, Zaire

3. LANGUES: Anglais, français

4. UTILISATEURS CIBLES DE VOTRE SYSTEME/SERVICE

Externes: Organismes et missions gouvernamentaux, industrie, instituts de recherche, organisations pédagogiques, organisations non gouvernementales, etudiants, autres organisations internationales

5. LES SERVICES FOURNIS

Prêts: A des particuliers, à 'autres organismes extérieurs

Services fournis à la demande d'utilisateurs externes: Resultats d'interprétation

Vos services sont-ils payants? Oui

Tarifs approximatifs: Expert/mois = 600.000 Z

6. ACTIVITES DE FORMATION:

i) Duré - 3 mois
ii) Fréquence - 3 fois/an
iii) Langue d'instruction - Français
iv) Condition d'admission - de la sous-région CRTK
et ressortissant d'un pays membre
v) Possibilités de bourses d'études, etc. - Universitaire

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: Oui

Zone géographique: l'un des pays suivants de l'Afrique Centrale - Angola, Burundi, Cameroon, Congo, Gabon, Rwanda et Zaire

8. BASE DE DONNES: N/A

II. INTERNATIONAL AND REGIONAL ORGANIZATIONS

A. INSTITUTION/INFORMATION CENTRE

ASIAN INSITUTE OF TECHNOLOGY (AIT), LIBRARY AND REGIONAL DOCUMENTATION CENTER (LRDC), BANGKOK, THAILAND

P.O. Box 2754, Bangkok 10501, Thailand

Telex: 84276 TH
Cable: AIT-BANGKOK
Telephone: 516-0110/44
Fax: 66-2-516-2126

Contact person: Mr. Arthur Vespry, Director, LRDC; Dr. Howard E. Daughterty, Coordinator, INRDM Program; Dr. Robert Exell, Professor, Energy Technology

Principal function(s) of the institution/information centre: Library, clearinghouse

Areas of specialization

Basic space sciences (INRDM Program): Earth observation satellites; Earth resources surveys; Geological Information System; Photo-interpretation techniques; satellite imagery processing; thematic mapping

Satellite meteorology (Energy technology): Geostationary satellites; meteorological satellites; simulation; weather satellites

Extent of collection from/to (Years)

Remote sensing: 1979/present
Satellite meteorology: 1979/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Approximate number of books/periodicals: 180,000/658

Data: Yes

Type/approximate number of data sets: Hard copy satellite images; digital satellite images/160; aerial photos; maps/1,500

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: N/A

Indexing tools: Will use OECD Macrothesaurus, L.C. and other specialized thesauri and word lists

2. GEOGRAPHICAL COVERAGE

   Remote sensing: Regional (ECSP region)
   Satellite meteorology: South-East Asia

3. LANGUAGE(S): English

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

   Internal (within agency): Students/faculty

   External: Government agencies and missions; international organizations

5. CLASSES OF SERVICES PROVIDED

   Loans: To individuals; other agencies; external bodies

   Services provided on request from external users: Searching of external computer databases; compilation of reference lists; documents delivery; provision of data in computer readable form; selective dissemination of information

   Charges for services: Provision of data US$160 to US$1,200

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

   Specific areas of interest: Geographic Information System

   Geographic preference: ESCAP region; agencies should provide funds to support collaboration

8. DATABASE(S): Yes

(a) Name of data base(s): Asian Information Center for Geotechnical Engineering (AGE)

   Form of database: Computerized

   Type of database: Bibliographic

   Time span: 1973/present

   Size of database:

   Number of items added per year: N/A

   Total number of items: 49,200 bibliographic entries

   Frequency of updating: Continuously

   Subject scope: Geotechnical engineering

Language of database(s): English

Availability of database(s): On-line information retrieval service for its members on request service through AGE is also available from the European Space Agency

On-line access: Yes

Host name: AGE

(b) Name of data base(s): Renewable Energy Resources Information Centre (RERIC)

Form of database: Computerized

Type of database: Bibliographic

Time span: 1978/present

Size of database:

Number of items added per year: N/A

Total number of items: 7,240 records

Frequency of updating: Continuously

Subject scope: Solar wind; biomass; small-scale hydropower

Language of database(s): English

Availability of database(s): Searches can be made upon request

On-line access: N/A

Host name: RERIC

B. INSTITUTION/INFORMATION CENTRE

EUROPEAN SPACE AGENCY (ESA), INFORMATION RETRIEVAL SERVICE (IRS)

Via Galileo Galilei CP 64, 00044, Frascati, Italy

Telex: 610637 Telephone: (369) 94011

Contact person: F. Roscian; M.F. Saksida

Principal function(s) of the institution/information centre: Provide space information to the European Space Agency and its Member States

Areas of specialization

Basic space sciences: Astrophysics; celestial bodies; comets; cosmic rays; cosmology; space biology

Remote sensing: Agriculture; thematic mapping; earth observation satellites; fisheries; hydrology; land observation; satellite imagery processing

Satellite communications: Data communication; broadcasting; direct TV broadcasting; satellite control and tracking

Satellite meteorology: Meteorological satellites; maps;weather forecasting; weather satellites

Others: Zero gravity processing; space medicine; launch vehicles; space stations; European Space Shuttle (HERMES); Ariane launch vehicles; unmanned spaceflights; past, present and planned satellite data; launches; manned space vehicles.

Extent of collection from/to (years):

Basic space sciences: 1962/present
Remote sensing: 1976/present
Space communications: 1976/present
Space meteorology: 1976/present

1. TYPE OF SYSTEM/SERVICE

Library: Yes

Documentation: Yes

Approximate number of documents: 130,000 references, from 1965 to date, originating from ESA, former organizations and ESA Member States

Data: Yes

Type/approximate number of data sets: Satellite imagery in hard copy and digital form/--

Indexing/Abstracting service: Yes

Type of material indexed/abstracted: Reports; grey literature

Indexing tools: Macrothesaurus; UDC

Distribution Centre: Yes. ESA Public Relations; ESA Publications Division; ESA/IRS

Others: Electronic archival; scientific data handling

Research: Yes

2. GEOGRAPHICAL COVERAGE:

Remote sensing: Worldwide
Other fields: Worldwide

3. LANGUAGE(S): English; French; German

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project; technical; research; information units; management; administrative

External: Research institutes; industry; students; educational organizations; non-governmental organizations; international organizations; government agencies and missions

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Document delivery; selective dissemination of information; on-line searches

Charges for services: Price list is available from ESA/IRS

6. TRAINING PROGRAMMES: On-line training seminars (beginners; advanced; topical)

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: None

8. DATABASE(S): Yes

Name of data base(s): European contribution to the NASA/IAA database on space patents; space components; LEDA; the European Aerospace Database (EAD).

Form of database: Computerized; microfiches; hard copies

Type of database:

Reference: Bibliographic
Source: Numeric

Time span: 1962/present

Size of database:

Number of items added per year: 4,500 to 5,000 references

Total number of items: 130,000

Frequency of updating: Monthly

Subject scope: All fields related to space activities

Language of database(s): English, French, Italian, German, Swedish, Dutch

Availability of database(s): ESA Member States

Location where database can be searched: ESA/IRS - Frascati, Italy

On-line access: ESA/IRS

Searching languages: ESA-QUEST; COMMON COMMAND LANGUAGE

Host name: ESA/IRS

Cost: Price list is available from ESA/IRS

Users of database:

Internal (within agency): Project; technical; research; information units; management; administrative

External: Research institutes; industry; students; educational organizations; non-governmental organizations; international organizations; government agencies and missions

C. INSTITUTION/CENTRE D'INFORMATION

CENTRE REGIONAL DE TELEDETECTION - OUAGADOUGOU (CRTO), BURKINA FASO

01 B.P. 1762, Ouagadougou, 01 (Burkina Faso)

Téléx: CRETED 5322 BF: Telephone: 30-01-99; 30-06-35; 30-09-12
Adresse télégraphique: CRETED

Nom de la personne à contacter: Mamadou Siné Camara, Directeur Général; Domingo Etienne, Chef de Service Formation

Principale(s) activités de l'institution ou du centre d'information: Formation/Assistance aux Utilisateurs/Gestion-Diffusion et Promotion des données

Spécialités:

Telédétection: Satellites de télédétection; traitement d'images satellites; plateformes spatiales; rayonnements; télédétection hyperfréquences; résolution spatiale; photointerprétation; inventaire des resources naturelles; observations de l'espace; systemes spatiaux; détecteurs.
Surveillance des ressources naturelles (occupation des sols, végétation, hydrologie/hydrogéologie, géologie, sols, ...).

Période pendant laquelle des données ont été collectées: De 1979 à nos jours

1. TYPE DE SYSTEME/SERVICE

Bibliothèque et documentation: Oui

Nombre approximatif d'ouvrages/revues spécialisées: 1,500/50

Donées: Oui

Type de données: Images satellites sous forme photographique; images satellites sous forme numérique; photographies aériennes, cartes topographiques et thématiques.

Service d'indexage/analyse: Bibliothèque et documentation indexées par le Systèm Uniterm: mot-matière, fichier sequentiel, fichier auteur, localisation géographique

Centre de distribution: Oui

Type de documents distribués: Publications CRTO: rapports experts, rapports stagiaires, "Africa Pixel" (revue scientifique et technique), études de project, dépliants sur les activités CRTO. Etudes d'autres organismes (FAO).

Recherche: Oui

2. ZONE GEOGRAPHIQUE DESSERVIE: **Afrique de l'ouest, Afrique du nord (partiellement) et centrale (partiellement), particulièrement pays membres du CRTO (Algérie, Benin, Burkina Faso, Cameroun, Congo, Côte d'ivoire, Ghana, Guinée, Liberia, Mali, Mauritanie, Niger, Sénégal, Sierra Leone, Togo)**

3. LANGUES: **Anglais, français**

4. UTILISATEURS CIBLES DE VOTRE SYSTEME/SERVICE

   Internes (au sein de l'organisme): **Chercheurs; techniciens; projets; services d'information; administration.**

   Externes: **Instituts de recherche, organisations pédagogique, organismes et missions gouvernementaux, étudiants, organisations non gouvernementales, autres organisations internationales**

5. LES SERVICES FOURNIS

   Prêts: **A des particuliérs, à d'autres organismes**

   Services fournis à la demande d'utilisateurs externes: **Compilation de listes de référence, analyse des infomrations, fourniture de documents, fourniture de données assimilables par la machine, diffusion selective d'information, traitement photographique des images (Laboratoire photographique et cartographique)**

   Vos services sont-its payants: **Oui**

   Tarifs approximatifs: **S'informer auprès de CRTO, tarfs étant variables.**

6. ACTIVITES DE FORMATION: **Oui**

7. COLLABORATION AVEC D'AUTRES INSTITUTIONS/CENTRES D'INFORMATION: **Oui**

   Zone géographique péférée: **Ministères techniques des pays membres du CRTO**

   Instituts pédagogiques - Sous-région et monde. **Préocupations professionnelles similares aux nôtres - sans préfrence géographique. Instituts de recherches et d'applications - sans préférence géographique**

8. BASE DE DONNES:

   Nom de la base de données: **Réseau Sahelien d'information et de Documentation Scientifiques et Techniques (RESADOC), CILSS - Institut du Sahel, B.P. 1530, Bamako, Mali**

Forme de la base de données: Informatisé

Référence: Bibliographie, orientation à de sources d'infomration, index des donnèes

Source: Númerique

Thèmes traites: Hydraulique villageoise, amenagement rural, statistiques, agricoles et pastorales, feux de brousse, études géologiques et hydrogeologiques, cartographie thématique

Type de la base de données: N/D

Importance de la base de données

Nombre d'articles introduits par an: 26 bordereaux d'analyse envoyés à RESADOC

Fréquence de la mise à jour: Permanente

Langue(s): Anglais, français

Accès à la base de donnés: Exterieur

D. INSTITUTION/INFORMATION CENTRE

INTERNATIONAL CIVIL AVIATION ORGANIZATION (ICAO)

1000 Sherbrooke Street West, Montreal, Quebec, Canada H 3A2R2

Telex: 05-24513 Telephone: (514) 285-8219
Fax: (514) 288-4772

Contact person: Dr. E. W. Faller, Chief, External Relations

Principal function(s) of the institution/information centre: To ensure that international civil aviation may be developed in a safe and orderly manner and that international air transport services may be established on the basis of equality of opportunity and operated soundly and economically

Areas of specialization

Satellite communications: Civil aviation; antennas; attenuation of radio signals; communications network; digital data transmission; coding; modulation

Satellite meteorology: Weather forecasting; weather satellites; atmospheric remote sensing

Satellite navigation: Radio determination; global positioning technology; air traffic management

Satellite surveillance: Automatic dependent surveillance; cooperative independent surveillance

Extent of collection from/to (years):

Satellite communications: 1970/present
Satellite meteorology: 1967/present
Satellite navigation: 1982/present
Search and rescue: 1986/present

1. TYPE OF SYSTEM/SERVICE

Library: N/A

Documentation: Reports of meetings; ICAO Bulletins; information circulars

2. GEOGRAPHICAL COVERAGE: Worldwide; regional

3. LANGUAGE(S): English; French; Russian; Spanish

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Management

External: Government agencies and missions; international organizations

5. CLASSES OF SERVICES PROVIDED

Loans: N/A

Services provided on request from external users: Document delivery

Charges for services: Charges are itemized in the ICAO catalogue of publications

6. TRAINING PROGRAMMES: TRAINAIR; seminars

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Specific areas of interest: Research and development of databases on satellites communications; navigation; surveillance and air traffic management

Geographic preference: Worldwide

8. DATABASE(S): N/A

E. INSTITUTION/INFORMATION CENTRE

REGIONAL CENTRE FOR SERVICES IN SURVEYING, MAPPING AND REMOTE SENSING (RCSSMRS)

P.O. Box 18118, Nairobi, Kenya

Telex: 25285 REGSURVEY Telephone: 803320/9
Cable: REGSURVEYS NAIROBI Fax: 254-2-802767

Contact person: (i) Director-General; (ii) User Services Specialist

Principal function(s) of the institution/information centre: Services; training and user assistance in surveying; mapping and remote sensing

Areas of specialization

Remote sensing: Agriculture; biomass estimation; digital/analog image analysis; Earth resource surveys; forestry; geology; satellite meteorology; environment research

Mapping: Thematic mapping; satellite photomapping; digital mapping.

Surveying: Satellite geodesy; geodetic astronomy; aerial mapping; geodetic research

Extent of collection from/to (years): 1978/present

1. TYPE OF SYSTEM/SERVICE

Library: Books/periodicals and documentation available

Data: Yes

Type/approximate number of data sets: In analog form, e.g. maps, charts, aerial photographs, satellite imagery/1.9 million; in digital form, i.e. magnetic media/200

2. GEOGRAPHICAL COVERAGE: Regional

3. LANGUAGE(S): English; French; Swahili

4. TARGET USERS FOR WHOM SYSTEM/SERVICE IS INTENDED

Internal (within agency): Project management; technical; research; information units; administrative

External: Government agencies and missions; international organizations; educational organizations; research institutes; industry; students; non-governmental organizations

5. CLASSES OF SERVICES PROVIDED

Loans: To individuals; other agencies; external bodies

Services provided on request from external users: Information analysis; data reproduction (on request)

Charges for services: Satellite images from $US 10 to $US 3,500 depending on size, scale and complexity

6. TRAINING PROGRAMMES: Yes

7. COLLABORATION WITH OTHER INSTITUTIONS/INFORMATION CENTRES: Yes

Geographic preference: (i) Member countries of Regional Centre for Services in Surveying, Mapping and Remote Sensing (RCSSMRS); (ii) other countries in East and Southern Africa sub-region; (iii) other countries in the African region

8. DATABASE(S): N/A

Litho in United Nations, New York
25588–June 1992–3,350